Transactions of the Orthoptic Association of Australia Volume 1, 1959

Charles Rasp. Presidential address	2
Peoples M, Charles Rasp	
The British Orthoptic Board	3
Willoughby L, Cashell GT	
Two examples of the A syndrome	8
Lance PM	
Monocular aphakia	10
Hawkeswood H	
A few words on convergence deficiency	13
Balfour B	
Hess charts, typical and atypical	14
Mann D	
Convergence strabismus with a small angle	19
Willoughby L, Cashell GT	
Monocular stimulation in the treatment of amblyopia ex anopsia	24
Carroll M	
Constant strabismus in adults	26
Kirkland M	
Binocular dynamics (clinical examinations)	28
Mann D	
An Orthoptic ABC	43
Willoughby L	
Radio astronomy	48
Kerdel RL	

Transactions of the Orthoptic Association of Australia Volume 2, 1960

Pan-Asian tour. Presidential address	1
Lance PM	
A study of patients at the Childrens Hospital	7
MacFarlane A	
Eccentric fixation and pleoptics	15
Lewis M	
Pleoptics in Melbourne	20
Carter M	
Occlusion clinic	21
MacFarlane A	
Case history. V syndrome	21
MacFarlane A	
Overconvergence in intermittent divergent squint	23
Hawkeswood H	
Two cases of convergence spasm	25
Mann D	
Bifocals in accommodative squint	28
Walker A	
An observation	30
Peoples M	
Esophoria to intermittent convergent squint	32
Hawkeswood H	
Some problems of ocular paresis	33
O'Connor B	
Atypical Duane's syndrome	38
Kunst JM	
Superior oblique tucking; two cases	39
Mann D	

Transactions of the Orthoptic Association of Australia Volume 3, 1961

Supranuclear palsies (post-graduate lecture)	3
Lance PM	
Convergence (postgraduate lecture)	6
Lance PM	
Practical aspects of convergence	10
Hawkeswood H	
Surgical cases of intermittent divergent strabismus	15
Kirkland M	
A survey of patients at the hospital for sick children, Brisbane	21
Kirby J	
Some observations of pleoptics at Moorfields Eye Hospital	29
Mann D	
Notes of pleoptic treatment	31
Syme A	
Heterophoria	34
Mann D	
V syndrome (case history)	37
Macfarlane A	
Paresis of medial rectus with V sign	39
Balfour B.	
Case history: Postoperative diplopia in an adult	41
Kirkland M	
Case history: right convergent strabismus	43
McNess M	

Transactions of the Orthoptic Association of Australia Volume 4, 1962

Patrons address: Orthoptics	2
Henry AV	
A survey of patients at the far west children's health scheme, Manly	6
Rona A	
Abnormal projection tendencies in divergent squint	13
Hawkeswood H	
The aid of bifocals in the treatment of accommodative convergent squint	18
Kirkland M	
Questionnaire on intermittent divergent squint	22
Mann D, Murphy D, Minifie D	
Case history: bilateral paresis of elevation	28
Balfour B	
Survey of the effects of early surgery in constant convergent squint	30
Walker A	
Case history: General fibrosis syndrome with Duane's retraction syndrome	33
Murphy D	
Case history: Secondary eccentric fixation	34
Syme A	
Report on orthoptic student exams	36
Mann D	
Topic for discussion – convergence insufficiency following trauma	38
Bryden-Brown LA	

Transactions of the Orthoptic Association of Australia Volume 5, 1963

Patrons address	2
Russell E	
Presidents address, Orthoptics	4
Lance PM	
The scope of Orthoptics	9
Kirkland M	
Australian survey of intermittent divergent squints requiring surgery	15
Murphy D	
Some suggestions on anti-suppression exercises with red coloured filter 32	
Rona A	
The possibility of a counter-fusional pull	34
Bryden-Brown LA	
Statistics of convergence insufficiency	37
Coddington J	
The physiology of accommodation and convergence	43
Swan D	
The accommodative element in strabismus	45
Cher I	
Orthoptic treatment of accommodative convergent strabismus Kunst JM	49
A survey of the use of miotics	52
McNess M	
Pleoptic discussion	59
Red filter treatment of eccentric fixation	61
Kunst JM	
Intermittent overconvergence of unknown causes	62
Hawkeswood H	
A new syndrome? Ptosis on convergence	63
Lance PM	
Aims, aids and methods in orthoptic teaching	67
Craig D	

Transactions of the Orthoptic Association of Australia Volume 6, 1964

Twenty one years Orthoptics – Presidential address	4
Collins L	
NOTES FOR ORTHOPTC TEACHERS	17
TOPICS Cover test	19
The Binocular Reflexes	20
Binocular subjective anomalies	20
Small angle squints and fixation disparity	21
Accommodation and convergence	26
Superior oblique tendon sheath syndrome	30

Transactions of the Orthoptic Association of Australia Volume 7, 1965

Opening address	3
Handley HA	
Why are you an Orthoptist?	5
Willoughby L	
Thoughts on an overseas tour	6
Ryan H	
Preposterous?	8
Rona A	
Recovery from amblyopia	10
Wesson M, Jameson Evans P	
Diagnostic pleoptic methods and problems encountered	12
Doyle M	
Deterioration of the fixing eye under occlusion	19
Lewin B	
Occlusion for older children	21
Peoples M	
Three Japanese studies of amblyopia	23
Craig D	
Subjective anomalies	26
Stereoscopic tests for map makers	28
Retalic L	
Case history: Blow-out fracture of the left orbit	29
Carter M	
Aetiology of apparent superior oblique tendon sheath syndrome	32
Smith E	
Orthoptists and contact lenses	38
Anderson S	

Australian Orthoptic Journal Volume 8, 1966

Miotics in practice	1
Wood G	
Management of strabismus patients	7
Brown D	
Single binocular vision in aphakes	9
Anderson S	
Value of early surgery in strabismus	14
Bishop J.	
Surgical results of oculo motor nerve palsy	20
Lewin B	
Anomolous fusion faculty	28
Metcalfe A	
Pleoptic treatment of a blind eye	34
Kelly S	
Some thoughts on occlusion	38
Shanahan M	
Results of monocular stimulation	39
Taylor J	
Unconventional orthoptics	43
Kirby J	
Photography of history sheets	45
Hawkeswood H	

Australian Orthoptic Journal Volume 9, 1969

Twenty cases of eccentric fixation	1
Syme A	
The electro-oculogram (EOG)	5
Russell JG	
A case of fundus flavimaculatis	7
Balfour B	
Divergent squints with abnormal retinal correspondence	10
Stock L	
Aniseikonia	12
Wesson M	
Incomitance and its causes	15
Wesson M	
The treatment of eccentric fixation in private practice	19
Crawley S	
Acquired paralytic squint and the Orthoptist	25
Lance PM	
Post traumatic convergence insufficiency	37
Hawkeswood H	
Case history: Alternate day squint	38
Willoughby L	

Australian Orthoptic Journal Volume 10, 1970

The prognosis of the treatment of eccentric fixation	1
Kelly S	
Dyslexia	4
Drummond S	
Evaluation of postoperative results in intermittent divergent strabismus	8
Dennison B	
Suppression in heterophorias	11
Hawkeswood H	
Alternate day squint	13
Gyaw M	
Orthoptic participation on ophthalmic research	17
Russell JG	
Seeing is believing	19
Hitch A	
Help	22
Heard N	

Australian Orthoptic Journal Volume 11, 1971

Prolonger (Marlow) occlusion	1
Hertzberg R	
About the AC/A and some Australian afterthoughts	3
Hollows HC	
Fusion a function of accommodation	6
Hargraves MD	
Orthoptists and the Royal Australian air force	8
Daley, Air Vice-Marshall	
A summary of pleoptic treatment and results	10
Dennison B	
Abnormal retinal correspondence	13
Wesson M	
Some cases of convergence squint with abnormal retinal correspondence	23
Hawkeswood H	
A case of transient bilateral fixation in infancy	24
Cornell E	
Paradoxical innervation	27
Cornell E	
Strabismometry through the eyes of an observer	36
Wesson M	
Orthoptic reports	45
Craig D	
A case of surgery for convergence insufficiency	47
Hawkeswood H	
Scotoma in retino-choroidal dystrophies	63
Russell JG	

Australian Orthoptic Journal Volume 12, 1972

Dyslexia: An interdisciplinary approach	1
Fenelon B	
Dyslexia: An interdisciplinary approach: The binocular basis of dyslexic	4
confusion	
Dunlop DB	
Dyslexia. The orthoptic approach	16
Dunlop P	
Reading difficulties	21
Jolly N	
A problem readers clinic	29
Peoples M	
A new role for orthoptics	31
Alexander J	
Learning difficulty	32
Dunlop P	

Australian Orthoptic Journal Volume 13, 1973-1974

Orthoptics and the young child	1
Lowe RF	
Past, present and future	2
Lance PM	
New binocular factors in reading disability	7
Dunlop P & EM Banks	
Differential diagnosis and management of sensory adaptations	12
Spooner V	
Use of concave lenses in the management of intermittent divergent squint	17
Merrick F	
The Hess Weiss	19
Dunlop P	
Press-on prisms	26
Lance PM	
Practical use of Fresnel prisms	29
Jolly N	
Use of Fresnel prisms	31
Brown S	
Transparencies	33
Kirby J	
Reversal amblyopia	35
Croker D	
Case report: inverse Marcus Gunn phenomenon	38
Carter M	
Case history: Alternate day squint in an adult	39
Magin J	
Case history: Unilateral aphakia	40
Hawkeswood H	

Australian Orthoptic Journal Volume 14, 1975

Orthoptics and the community Community involvement in the Western metropolitan health region	1-2
A MacFarlane	1-2
Surveys and all that!	3-4
P Wister	5 1
Vision screening – pilot survey	5-6
S Brown, S Gillis, S Stanley	
Visual screening of children in western Australia	7
B Balfour	
Orthoptics and cerebral palsy	7-9
VC Elliot	
The orthoptics contribution to the multi-disciplinary group concerned	9-15
With learning difficulties	
P Dunlop	
Development of visual acuity	15-17
V Spooner	
The education of Orthoptists in New south Wales	17-19
PM Lance	20.21
The use of "half patch" occlusion	20-21
M Hansor	21.26
Objective orthoptic treatment	21-26
D Craig Superior oblique surgery	26-31
J Yap	20-31
Alternating sursumduction: 3 case histories	31-36
D Craig	31-30
Case history: headaches	36-37
J Fitzsimmons	50 57
Case history: induced hypo accommodative squint	37
M Sullivan	
Hypoplasia of lateral rectus and abnormal inferior oblique insertion	38
J C Stewart	
Case history	
Case history: convergent squint of sudden onset	39
F Merrick	

Australian Orthoptic Journal Volume 15, 1977

Address	2
WE Gillies	
Orthoptics – the expanded role	3
V Gordon	
The challenge of the present	4-5
S Brown	
Current concepts in the investigation of macular disease	6-8
JD Cairns	
Eye injuries in sport	9-11
H Toyne	
Far out orthoptics	12-14
G O'Sullivan, A McIndoe	
Orthoptic management of the cerebral palsied child M Binovec	15-18
Visual development of 148 pre-school children over a period of 3 years	19-23
P Dunlop	24.20
A Survey of the incidence of defective vision and strabismus in kindergarten	24-28
Age children – Sydney 1976	
S brown, D Jones	20, 21
Lincoln institute kindergarten screening	29-31
L McKenzie	22
Some aspects of Swiss orthoptics	32
U Messerli	22.24
Distance eso-deviation or vergence insufficiency WE Gillies	33-34
Ocular muscular dystrophy	35-37
H McLean	
The role of the Orthoptist in the management of dysthyroid eye disease	38-40
J Mein	
Case history: Superior oblique tendon sheath syndrome in siblings	41-42
P Monteath	
Hypoaccommodative squint: 2 case histories	43
H Hawkeswood	
Case history: recurrence of alternate day squint in an adult	44
J Wuff (Magin)	
Case history: innervational anomaly and head turn	45
P Wister	
Book review: Orthoptics, past, present, future	46
P Lance	

Australian Orthoptic Journal Volume 16, 1978

Manpower surveys	3
Brown S	
Symptoms & Heterophoria	
Helen Hawkeswood	
Medical therapy for amblyopia after occlusion failure	6
MacLean H, Carter M	
The significance of binocular visual acuity in intermittent exotropia	9
Hitch A	
Fresnel prisms in the management of sunlight deviations	10
Edwards K	
Stereoacuity tests: Titmus compared with TNO.	13
Jolly N	
Stereoacuity in kindergarten children	17
Pardy J	
Purposeful perimetry	20
Paul B	
A review of 100 cases of children with reading problems	25
Brown S	
Visual assessment of CVA patients	30
MacFarlane A, Longhurst T	
The Orthoptists role in a team approach to partially sighted children	33
Pardy J, Guy M	
Present state of orthoptic treatment in Buenos Aires	36
Ciancia AI	
Some eye problems in Singapore: Infants and children	39
Boon WH	
Australian Aboriginal eye health and what must be done	45
Hollows FC	

Australian Orthoptic Journal Volume 17, 1979-1980

Contrast sensitivity – a more realistic measure of visual function	1
Dunlop DB	
A clinical assessment of new methods of treatment for amblyopia Banks R	6
Summary of Royal Children's hospital and national research vision institute control trial of CAM vision stimulator	10
Keith CG, Mitchell D, Howell E, Smith S	
Comments on CAM stimulator from Newcastle, NSW	11
Dunlop P	
Results of treatment with the SAM vision stimulator from Sydney Eye Hospital	13
Brown S	
Orthoptic treatment in twelve cases of eccentric fixation	14
Joura O Bilateral eccentric fixation – fact or fixation?	17
Tait S	1 /
Case report: Bilateral microtropia without identity	23
Pardy J	20
An evaluation of proximal convergence by the use of infra-red photography	24
Cornell E, Mitchell R	
The influence of orthoptic treatment on proximal convergence	30
Cornell E	
The effect of darkness on the miosis associated with the near reflex	33
Loughhead J	25
The effect of the accommodation-convergence synkinesis on the difference	37
between distance and near measurements of deviation Rubie C	
Visual assessment of cerebro-vascular accident patients in rehabilitation	42
Programmes	72
Macfarlane A Longhurst EC	
The subjective visual assessment of the severely mentally handicapped child	48
Erby J	
The results of visual screening of eighty mentally retarded children	53
Brown S	
A study of the visual defects in hearing impaired children	56
Simon I The Outhoutists role in makehilitation of the martially sighted	59
The Orthoptists role in rehabilitation of the partially sighted Wulff J	35
An evaluation of visual acuity levels	62
Loughhead J, Priest L	02
Nystagmus blocking syndrome	68
Cort S	
An atypical response to occlusion of a congenital esotrope	71
Stephens A	
Secondary and consecutive exotropia	75
Pardy J	77
Case history: Recurrent VI nerve palsy in a child Hunter J	77
Problems associated with the integration of theory and practice in clinical	78
r robicins associated with the integration of theory and practice in clinical	/ C

Orthoptics
Jolly N
MacFarlane A, Longhurst T
A survey of the clinical evaluation of stereopsis in Australian orthoptics
Neill RA

Australian Orthoptic Journal Volume 18, 1980-1981

Orthoptic role with the handicapped in Brazil R Kinker	8
Orthoptic role in head injuries J Mein	10
Diplopia and the cancer patient S Moore	15
Amblyopia and disorders of ocular motility in craniosynostosis R Collin, J Walker, K Wybar	19
Fourteen patients with superior oblique defect and convergence excess Corrected by sagittalization M Wesson	23
A Method of vision testing of the severely handicapped children J Krstic	25
Retraining of central fixation in the partially blind – due to demyelinating Disease or other organic lesions U Altmann	26
Further roles of the Orthoptist in the rehabilitation of the partially sighted	28
R Wellington Electrophysiology and the Orthoptist	30
D Stark A new method of electophysiological investigation of visually handicapped Children F Zamfirescu	36
Static perimetry – A psychophysical test	39
M Doyle Examination of visual fields in the physically handicapped child V Gordon	43
Free space stereotests revisited R Neill, P Dunlop, D Dunlop	45
The effect of peripheral fusion on the four prism dioptre test J Sparke	49
Development of ocular fixation N Jolly	52
Infant Esotropia: Pilocarpine treatment P Dunlop	55
Foveal abnormalities in ametropic Amblyopia	59
S Tait An ophthalmologist reviews learning disabilities	63
D Stark Convergence insufficiency and Duane's retraction syndrome I Simon	6
Case report: Alternate day squint treated with prisms without the need for surgery	68
J Attwenger Case report: surgery for convergence insufficiency H Hawkeswood	69
Case report: Myasthenia gravis presenting following trauma	70

Australian Orthoptic Journal Volume 19, 1982

On the relationship of eso to exotropia in Newcastle	5
Dunlop P	
Central retinal lesions and orthoptics	11
Cowell S	
Assessment of visual field anomalies using the visually evoked response	17
Fitzgerald A, Montgomery P, Billson F.	
The visual evoked response and stereopsis	251
Neill RA, Fenelon B, Dunlop DB, Dunlop P	
Saccadic velocities	31
Webster V	
Abnormal head postures – a review of 116 patients	35
Francis IC, Brown S	
Ultrasonography for orthoptists	41
McIndoe A	
Career patterns and attitudes	45
Nordholm LA, Westbrook MT	
Results of kindergarten screening	51
Ormerod G	

Australian Orthoptic Journal Volume 20, 1983

Psychological correlatives of accommodative squint	5
Rona A	
The OKN response and binocular vision in early onset strabismus	13
Mein J	
New aspects of dissociated vertical deviation	19
Tait S, Atkins I, Brown S, et al.	
Evidence of abnormal optic nerve fibre projections in patients with Dissociated	23
vertical deviation (DVD) – a preliminary report	
Fitzgerald A	
Ocular motility disorders following head injury	31
Mitchell R	
The Orthoptist as a safety net	37
Collett S	
Intractable diplopia	41
Brown S, Atkins I, Doyle M et al	
The Miller Fisher syndrome	45
Atkins I	
Visual function in 58 intellectually handicapped children	47
Freeman G, Loughhead J	
Results of Lion's club amblyopia survey	57
McKenzie L	
Australian contribution to International Orthoptic Association survey	59
Lance PM, Mitchell R	
The effects of alcohol on the visual and ocular motor systems	51
Wilson G	

Australian Orthoptic Journal Volume 21, 1984

Suppression of a blurred visual input by normal subjects can be demonstrated	1
using the VER	
Jolly N, Cornell E, Hettiaratchi E, Burne JA	
Vision in the elderly – a need for public awareness	5
Mitchell RA	
A study of ocular signs in normal and pathological aging	11
MacFarlane A, Mitchell R, Williamson M, Broe GA	
The role of saccadic velocity testing in the management of orbital fractures	17
Webster V	
Ophthalmological aspects of fronto-nasal encephalocoeles	23
Pyne RJ	
A simple test of spatial frequency discrimination in patients with multiple	29
sclerosis	
Delle Vergin S, Cornell E, Francis IC	
The effect of a reading efficiency program on visually impaired tertiary students	33
Ritzmaurice K, Keast JJ	
Vision defects in Down's syndrome at Newcastle school for specific purposes	39
Dunlop P	
Acquired Brown's syndrome; a case report	43
Searle C, Horne S	
Combined internuclear ophthalmoplegia and contralateral superior oblique palsy	47
A case report	
Cornell E, Francis IC	

Australian Orthoptic Journal Volume 22 1985

Orthoptics and professional accountability	1
Lance PM	
The assessment of visual acuity by the forced preferential looking method	3
Gole GA, Hall PA	
Minus overcorrection: conservative treatment of intermittent exotropia in the	9
young child	
Goodacre H	
Does the Uhtoff's symptom always mean MS?	19
Hall JE	
The use of vertical prisms in progressive supranuclear palsy (Steele	23
Richardson Olszewski disease)	
Cornell E, Francis IC	
A comparative assessment of the Lang, TNO and Titmus stereo tests	27
Johnstone R, Brown S	
Colour vision tests and their interpretation	31
Fitzgerald A	
Visual standards of the participants in the Shaklee junior sports development	41
programme	
Jolly N, Jolly R	
Awareness of the eye health care team by other health professionals	49
Ferraro K	
Improvisation in Orthoptics – the role of an Orthoptist in the management of the	53
multi-handicapped visually impaired child	
Crossman H	
Reading efficiency of visually impaired students – review of pilot program	57
Fitzmaurice K	
The visual assessment of fifty-seven mentally retarded school children	61
Morey J	

Australian Orthoptic Journal Volume 23, 1986

Searle C Visual performance in the low vision child Rubie C The spectrum of congenital rubella Crossman H Visual responses of patients with eccentric viewing Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test Fitzgerald A	born follow up clinic: preliminary report of ocular anomalies 1
Rubie C The spectrum of congenital rubella Crossman H Visual responses of patients with eccentric viewing Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 13 13 14 15 17 17 18 19 19 19 10 11 11 11 11 11 11 11 11 11 11 11 11	
The spectrum of congenital rubella Crossman H Visual responses of patients with eccentric viewing Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 13 14 15 16 17 17 18 19 19 19 10 11 11 11 11 11 11 11 11 11 11 11 11	performance in the low vision child 7
Crossman H Visual responses of patients with eccentric viewing Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 17 28 18 19 19 19 19 19 19 19 19 1	
Visual responses of patients with eccentric viewing Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 17 21 22 23 24 25 26 27 28 29 29 29 29 29 29 20 20 20 21 21 22 23 24 25 26 27 28 29 29 29 29 20 20 20 20 20 20	ctrum of congenital rubella 13
Fitzmaurice K The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 21 22 23 24 25 26 27 28 29 29 29 29 29 20 20 21 21 21 22 23 24 24 25 26 27 28 28 29 29 29 20 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	an H
The treatment of convergence insufficiency in Australia Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 21 22 23 24	esponses of patients with eccentric viewing 17
Cornell E Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence 29 excess type Smith C Human colour vision: its basis and clinical significance 33 Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	rice K
Analysis of the AC/A ratio in a sample of intermittent exotropes of divergence excess type Smith C Human colour vision: its basis and clinical significance 33 Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	tment of convergence insufficiency in Australia 21
excess type Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	E
Smith C Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	s of the AC/A ratio in a sample of intermittent exotropes of divergence 29
Human colour vision: its basis and clinical significance Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	ype
Fitzgerald A, Billson F Evaluation of the City University colour vision test 41	
Evaluation of the City University colour vision test 41	colour vision: its basis and clinical significance 33
	ld A, Billson F
Fitzgerald A	on of the City University colour vision test 41
inzgerala in	ld A

Australian Orthoptic Journal Volume 24, 1987

The orthoptic care of the elderly	3
Yapp JM	
Underaction of the medial rectus muscle following surgery for squint	9
Strang NT, Brooks AMV, Gillies WE	
Single versus multiple pinhole – does it make a difference?	13
McKenzie L	
Colour vision: Ishihara and City University tests	17
Crisp J, Green J, Pollock J	
Visual acuity is not the bottom line: some techniques of visual rehabilitation	23
Fitzmaurice K, Taylor L	
The caring Orthoptist	27
Rubie C	
Intra-ocular lens calculation – the Waikato's first year	31
Bull S	
Visual fields in retinitis pigmentosa	35
Mulhall L	

Australian Orthoptic Journal Volume 25, 1989

0
7
0
3
9
3
5

Australian Orthoptic Journal Volume 26, 1990

Australian Orthoptic Journal Volume27, 1991

Five years of tinted lenses for reading disability – the Patricia lance lecture 1990	1
A Fitzgerald	
The effect of acute physical activity on levels of Stereoacuity	13
S Brown, S Malcolm	
The ocular motor development of infants	19
L McKenzie	
A review of the Farnsworth Munsell type colour vision test	25
A Fitzgerald	
The effect of spectral composition if lighting on visual performance of	37
persons with retinal pathology	
K Fitzmaurice	
The Orthoptist and driving skills	43
N Jolly, R Zropf	
Blowouts fracture	49
R Wilkinson	
Transient superior oblique syndrome in scleroderma: a case study	59
RH West, JC Griffiths, AJ Barnett	
Acquired intermittent superior oblique tendon sheath syndrome (SOTSS):	63
3 case reports	
M Stamos	
Botulinum toxin for the treatment of blepharospasm and hemifacial spasm	69
J Price, J O'Day	

Australian Orthoptic Journal Volume 28, 1992

The computerized visual field: the complexities of its analysis.	1
A Literature review	
H Goodacre	
Retinal photographic grading: the orthoptic picture	11
R Sparkes, P Mitchell, P Darzins	
Consecutive Exotropia	19
G Page, H Ryan, C Prior, J O'Day	
The effect of cluster seating in the classroom on visual function	25
M-E Jones, CM Searle, SJ King	
Eccentric viewing position as a predictor of potential level or near visual acuity	29
K Fitzmaurice	
Vision testing of adult drivers with a vision screener	33
K Ferraro, I Story, E Freshwater	
Driver rehabilitation reference points for the Orthoptist	37
N Jolly	
Duane's retraction syndrome type 1 associated with dissociated	43
vertical deviation: a case report	
S brown, V McGough, S Garrett, M O'Rourke	
A case study – brown's syndrome associated with accommodative Esotropia	47
A Pitt, Z Goergievski	

Australian Orthoptic Journal Volume 29, 1993

Untreated early onset Esotropia in the visual adult	1
Γhe Patricia lance lecture 1992	
C Calcutt	
Visual agnosia – an update on disorders of visual recognition	9
Emmie Rusel prize 1992	
R Cingiloglu	
A computer generated method of training eccentric viewing	13
K Fitzmaurice, JF Kinnear, Y Chen	
The effects of aerobic exercise on intraocular pressure	18
P Elmurr, M Thompson, H Goodacre	
Contrast sensitivity and visual acuity after eximer laser treatment for Myopia	25
- preliminary findings on 15 patients	
A Fitzgerald, P Beaumont, M Minogue	
Contrast sensitivity in adolescents with diabetes	33
A Fitzgerald, J Munns	
Pelli-robson contrasts sensitivity on 122 children aged 6-12 years	40
A Fitzgerald, J Mitchell, J Munns	
Alcohol and visual function – an overview	46
C Devereaux, I Story, A Pitt	
Vision and ocular functions in the older driver	51
K Ferraro	
Diplopia and driving	55
N Jolly, K Goodacre, N Seve, L Ireland	
Case reports	
Partial sixth nerve palsy resulting from spinal anaesthesia - a case study	61
LA Jones, RJ Armstrong	
Visual therapy in hysterical blindness – a case study	65
S Marshall, C Sherriff, L Kennedy	

Australian Orthoptic Journal Volume 30, 1994

Presidents address – the orthoptic association of Australia – 50 years	1
A Fitzgerald Patricia Lange lecture. The part 50 years in orthontics and couler metility.	5
Patricia Lance lecture – The next 50 years in orthoptics and ocular motility J Seabar	3
The incidence of reduced visual acuity and squint in pre-school children	17
Aged 3 in Australia	1/
A Fitzgerald	
Vizassess: a Computer generated test of visual function	27
K Fitzmaurice, A Chen	21
Improving eye gaze communication through ocular movement exercise	33
H Crossman	33
The effects of central and peripheral binocular visual field masking on	41
Fusional disparity vergence	71
Z Georgievski	
Do table tennis players have better eye movements?	49
P Elmurr, E Cornell, R Head, F Kenny	17
Superior oblique myokymia	55
B Jennings	55
Unusual feature of chronic progressive external ophthalmoplegia	57
M Stamos	0,
A Case study in cortical plasticity	61
J Mitchell, H Crossman	
Dysthyroid eye disease from the inside looking out	67
C Calcutt	
Continuing intrigue with brown's syndrome and its association with Esotropia	71
Z Georgievski, A Pitt	
Testing Stereopsis. Which test should be used?	73
K Mill, S Brown	
Ultrasound of the eye and orbit	75
F Byrne, F Green	
Atlas of clinical ophthalmology	75
Spalton, Hitchings & Hunter	
Ocular anatomy and physiology	76
Suade	
Management of difficult glaucoma	77
Higginbotham & Lee	
Ocular differential diagnosis	77
Lea & Febiger	
Clinical management of strabismus	78
Calorosa and rouse	

Australian Orthoptic Journal Volume 31, 1995

Visual field screening in diabetes	5
B Jennings	
Visual acuity: area retinal stimulation	13
R Duyshart	
Comparison of crowded single optotypes with linear acuities in amblyopes	21
M Williams, T Wong, HH Goodacre	
Visual screening in a Nepalese community	29
C Devereux, L Benich, A Drum	
Stereoacuity and fusional vergence ranges of siblings of children with	35
Familial strabismus	
D Ferguson, A Mayo, E Cornell	
Case presentation	
Supranuclear downgaze saccadic palsy persisting after total ophthalmoplegia	41
following severe closed-head trauma	
Z Georgievski, L Kowal, R Wilkinson, PJ McCartney	
Diagnosis of defective colour vision	45
J Birch	
Contact lens practise: a clinical guide	47
R Fletcher, L Lupelli, a Rossi	

Australian Orthoptic Journal Volume32, 1996

Torsionometer evaluation	9
Evaluating torsion with the torsionometer synoptophore, double Maddox rod test	and
Maddox wing : a reliability study	
Z Georgievski, L Kowal	
Blindspot mapping	13
Evaluation of compensatory torsion by blind spot mapping	
E Cornell, J Flanagan, R Heard	
Central red fields	19
Normal threshold values for red targets in the central 10 degree visual field.	
J Piraino, H Goodacre	
Visual acuity variables	27
The influence of uncontrolled variables in paediatric assessment of visual acuity:	do
we measure visual acuity?	
R Duyhurst	
Head trauma review	33
Ocular sequelae following head trauma: a review	
N Apostolou	
Vision & Function	41
Vision and functional capacities of older people in the community	
K Fitzmaurice, H Kendig, R Osborne	
Case: INO	
Internuclear ophthalmoplegia as a presenting neuro-ophthalmic manifestation of	
multiple sclerosis	47
M Ryan, J Kelly	

Australian Orthoptic Journal Volume 33, 1997-1998

The Patricia lance lecture 1007 – heredity and strabismus	13
R Wilkinson	
Visual assessment in a developmentally disabled population:	23
Marsden eye surgery	
V Tosswill, M MacLean	
The assessment of impaired visual functioning due to cataract	34
B Haynes, L Santamaria, I Sotry, A Pitt	
The use of predictive factors in stoke rehabilitation	38
N Jones	
Accommodation values in a normal Sydney population, the RAF rule still valid?	45
E Cornell, R Heard	
A comparison of contrast sensitivity between people with colour vision defect	49
And those with normal colour vision	
M Buffrey, J Vassar, N Jolly, R Heard	
Visual acuity testing in pre-school aged children – what can be expected?	55
M Whitton	
An historical look at Amblyopia – from patch to patch	60
S Shippman	
An overview of recent developments in automated perimetric techniques used	63
in the detection of glaucoma	
A Rota-Bartelink	
Overview of the GDX nerve fibre analyser	69
M Whitton, G Stead, A Sclavos, M Doyle, J Kelly	
The assessment of driving skills in the presence of restricted visual	72
fields associated with retinitis pigmentosa	
N Jolly	
An 'Atypical' case of vertical retraction syndrome in association	77
with klippel-feil syndrome	
L Santamaria	
The physiology and neurology of vergence eye movements: an update	81
C D Luu, J F Green	

Australian Orthoptic Journal Volume 34, 1999

The effect of room illumination on visual acuity measurement	3
Wozniak H, Kelly M, Glover S, Moss N	
Low vision rehabilitation: an update	9
Fitzmaurice K	
Outcomes of cataract surgery – what are we measuring?	15
Haynes B, Santamaria L, Pitt A	
School screening – referral criteria and incidence of ocular disorders in the	20
Blacktown local government area of Western Sydney	
Jones L	
Corporate vision screening	25
Giribaldi M, Wulff I	
The orthoptic treatment of dyslexia using the LASD	33
Lawson A, Kiernicki R, Peterson R	
Traumatic superior orbital fissure syndrome – a case study	41
Rando A	

Australian Orthoptic Journal Volume 35, 2000

Congenital esotropia – an overview	2
Wilkinson R	
The effects of age on saccades made to visual, auditory and tactile stimuli	7
Sullivan A, Abel L	
Negative vergence training and its effect on the divergence range and	13
heterophoria size	
Salah A, Thompson K, Cornell E, Moss N	
Effect of whiplash injury on contrast sensitivity	22
Brown S	
Vision impairment in Australian children	27
Tosswill V	
Humphrey and Tomey biometry for cataract surgery: is there a difference in	33
visual outcome?	
Haynes B, Talevski S, McCarty DJ	
Research: a journey of innovation or rediscovery	37
Fitzmaurice K	
1999 review, reflect, realise, rehabilitation	42
Wulff I	

Australian Orthoptic Journal Volume 36, 2001-2002

Microtropia – a challenge to conventional treatment strategies	2
Symyniuk M, Hendersen K	
The effect of eccentric viewing on the visual function of persons with age-related	18
macular degeneration	
Vukicevic M, Fitzmaurice K	
Patterns of abnormal binocular fixation in a symptom free subject with a well	12
controlled exophoria	
Cornell E	
ADD/ADHA and ocular conditions	17
Tosswill V	
Testing VA: do symmetrical charts make a difference?	21
Cornell E, Moss N	
The non-surgical management of accommodative esotropia – a personal reflectio	n 23
Calcutt C	
Vision and sport: the past, present and future role of orthoptics	27
Elmurr P	

Australian Orthoptic Journal Volume 37, 2003

The complicated diagnosis of cortical vision impairment in children with	2
multiple disabilities	
Wright M	
The effect of aging on horizontal saccades and smooth pursuit eye movements	6
Santamaria L, Story I	
The effects of reading from different mediums (computer screen and paper) on	18
blink rates and lacrimation	
Major J, Jolly N, Heard R	
Clinical judgement of GDX vcc versus GDX gas in the detection of nerve fibre	26
layer thinning for glaucoma patients	
Sciavos A, Kelly J, Somerville-McAlester K, Stead G	
Vision and computer use – a literature review	30
Jolly N	

Australian Orthoptic Journal Volume 38, 2004-2005

Is tropicamide a more effective cycloplegic than cyclopentolate in children with	2
dark iridise?	
Jones N, Kee S, Ming KH	
The standard f vergence eye movements in children with reading difficulties	5
Wulff I	
The effect of training on horizontal saccades and smooth pursuit eye movements	9
Santamaria L, Story I	
Double trouble, patient satisfaction following non surgical intervention for	16
diplopia	
MacFarlane A, Pedemont K	
By doing eye exercises can you really throw away your myopic correction?	19
Thompson K, Cornell E, Moss N	
Child and adolescent health in New South Wales	26
Tosswill V	
Prenatal factors in infantile strabismus	29
Stamos-Pritchard M, Santamaria L, McCarty C, Devereux C, Story I	
Non standard vision tests to predict functional vision	35
Major J, Jolly N	

Australian Orthoptic Journal Volume 39 (1), 2007

Editorial. The new Orthoptics	6
Editorial. The value of case studies	7
Two cases of valsalva retinopathy treated with Nd:YAG laser hyaloidotomy	8
Vasallo S, Mancuso C, Harper A	
Temperature – A contributing factor in a case of superior oblique palsy	13
Somerville McAlester K, Kelly J	
Discordant unilateral myopia in adult female monozygotic twins. Discordant	17
refraction in monozygotic twins	
Dirani M, Chamberlain M, Garoufalis P, Chen C, Guymer RH, Baird PN	
The speed of emmetropia	21
Leone J, Georgievski Z, Koklanis K	
Acquired colour vision assessment – is Ishihara really enough?	24
Green K	
Intermittent exotropia: a review of the natural history and non-surgical treatment	31
outcomes	
Zhang KK, Koklanis K, Georgievski Z	

Australian Orthoptic Journal Volume 39 (2), 2007

Editorial. On convergence. On the strength of community	6
Editorial. The value of reviews	7
Comparison of the effect of enlarged print versus a hand held Visolett magnifier	8
on reading performance in fully sighted children	
Roediger N, Silvera S	
Surgical considerations in the treatment of intermittent exotropia: a review	14
Le T, Georgievski Z, Koklanis K	
Glaucoma and sleep apnoea: Is there a link? A review	19
Moore S, Malesic L	
Vision disturbances in pituitary prolactinomas: A case report	24
Freijah L	
Ocular title reaction caused by a polycytic astrocytoma: a case report	29
Le T	

Australian Orthoptic Journal Volume 40 (1), 2008

Editorial. Life begins in the 40's. A Ruby tribute to this Australian Orthoptic Icon	6
Eye movements in vestibular function and dysfunction: a brief review	8
Cornell E, Curthoys I	
Vision rehabilitation and the development of eccentric viewing training: a	13
historical review	
Vukicevic M, Fitzmaurice K	
Diurnal variation of central corneal thickness and intra-ocular pressure in normal	19
and suspect glaucomatous eyes	
Keel S, Malesic L	
Surgical management of essential infantile esotropia	23
Mocnay N, Koklanis K, Georgievski Z	
Suitability of monovision laser correction in patients with ocular motility	27
disorders	

Australian Orthoptic Journal Volume 40 (2), 2008

Editorial - Looking for you, looking for us?	6
Georgievski Z, Koklanis C	
The Evolution of Colour Vision Testing	7
French A, Rose K, Thompson K, Cornell E	
The Specialised Orthoptic Role in Management of Contact Lens Use in Infants	16
Sendelbeck S, Brennan L	
Are Clinical Measures Good Indicators of Performance of Daily Activities in	21
Vision-Impaired Children	
Dawson N, Fitzmaurice K	
Functional Vision Assessment: Looking Beyond Clinical Measures of Ocular	26
Function	
Vukicevic M	

Australian Orthoptic Journal

2009 Volume 41 (1)

Editorial - Searching AOJ Scientific Papers and Authors	6
Myopia, Near Work, Atropine and Bifocals: Critical Reflections of the Key	7
Literature. Examining the Influence of Several Factors Upon the Progression of	
Myopia	
Inez Elderman, Meri Vukicevic	
The Use of Peer - Supported 'Case Conferencing' to Enhance Orthoptic Students'	13
Learning in a Clinical School Environment	
Kylie Robinson, Zoran Georgievski, Konstandina Koklanis	
A Case of Troplopia: A Case of Conversion Disorder?	17
Julie Fitzpatrick	
A Case of Brown's Syndrome in Association with Goldenhar Syndrome	20
Kara Muecke, Linda Santamaria	
Double Elevator Palsy with Congenital Esotropia: A Case Study	23
Marika Hensman	

Australian Orthoptic Journal 2009 Volume 1 (2)

Editorial - The Importance of Evidence Based Practice	4
The Verbal Skills Used by Orthoptists During Private Patient Consultations	5
Irina Sim, Neryla Jolly, Karen Pepper	
Why are Males with Compressive Optic Neuropathy Predisposed to Developing	12
Cranial Nerve Palsy and Binocular Vision Problems?	
Inez Eveine Elderman, Meri Vukicevic	
Vision Screening in Individuals with Mild Intellectual Disability	17
Kate Hanman, Kaori Suda, Konstandina Koklanis, Zoran Georgevski	
Concordant Esotropia and Bilateral Hypermetropia in Young Monozygotic Twins	20
Melissa Jurgens	
Selected Abstracts from the OAA 66th Annual Scientifi c Conference, held in	23
Brisbane, 15-18 November 2009	

Australian Orthoptic Journal 2010 Volume 42 (1)

Editorial - Orthoptic Practice Variations and Effective Care: The Need for Cli	nical 6
Practice Guidelines to Improve Care	
Electroretinography in a Paediatric Setting: A Useful Diagnostic Tool	8
Stephanie Crofts, Louise Brennan, Katie Scanlon	
A Case of Diplopia Following Monovision with Contact Lenses	15
Barbara Haynes	
A Case of Orbital Cellutis with Accompanying Bilateral Ptosis	18
Stephanie Norman, Linda Santamaria, Sonia Biondi	
A Case Study: Bilateral Internuclear Ophthalmoplegia	21
Jade Portingale, Linda Santamaria, Mark Etheridge	

British Orthoptic Journal Volume 1, 1939

Loss of Central Fixation I.Yoxall	15-19
Some Observations on Partial Occlusion in Accommodative Squints E.Pemberton	20- 22
A few samples of Traumatic Heterophoria S.Mayou	23-27
Operative Impressions in Orthoptic Training OM Duthie	28-33
Summary of routine treatment given at the Manchester Royal Eye Hospital E.Stringer	34-37
Voluntary Diplopia S.Mayou	38-43
Paralysis of External Rectus; Treatment of Muscle Grafting P.Jameson Evans	44-45
Some Observations on Squint Operations Dr Gordon Napier	46-49
Suitability of cases for Orthoptic Training CH.Bamford	50-53
Occlusion K.Bastow	54-57
Some Recent Methods used in an Attempt to shorten Orthoptic treatment S.Jackson	58-62
History of Orthoptic treatment CL Gimblett	63-65
Occasional Divergent Squint S.Jackson	66
Unusual cases of divergent squint treated at the Manchester Royal Eye Hospital E.Stringer	67
Divergent Strabismus and its treatments K.Bastow	68-69
Divergent Squint	70

J.Strickland	
Approach to the Phorias	71-104
Wing Commander Livingstone	
Certain aspects of the Evolution of the eye	105
I.Mann	

BOJ Volume 2, 1944

Some Observations on accommodative squint M.Parsons	13-15
Some Observations on experimental work on the relation of squint to emotional disturbances carried out at the Oxford Eye Hospital B.Hare	16-20
Our Failures E.Stringer	21-24
Graded Squint Operations J.Foster, EC Pemberton, SS Freedman	25-32
Prognosis of postoperative Diplopia in adult Squints EC Pemberton	33-35
Some notes on treatment of abnormal retinal correspondence B.Hare	36-37
Convergence deficiency OM.Duthie	38-41
Civilian Heterophoria D.Adams Campbell, J Mein	42-46
Adult Heterophoria JH.Doggart	47-49
Some Interesting aspects of heterophoria in relation to flying AV.McLellan	50-55
Some Observations on Orthoptic treatment following head injury R.Chandler	56

BOJ Volume 3, 1945

A Surgeons View of the development and future of Orthoptics OM Duthie	13-19
Orthoptics in Industry J.Strang	20-27
Orthoptics under the education committee BM Baker	28-29
Some American Methods of Orthoptic Treatment LB Billinghurst	30-33
Myopia and Pseudomyopia JP Spencer Walker	34-38
The Art of Seeing R.Sparrow	39-43
Binocular Vision AB.Nutt	44-47
Experimental work in stereoscopic vision and visual acuity JH Swift, NF Balkwill	48-52
Advantages and disadvantages of the myotomy of the internal rectus muscle A.Wynn Green	53-56
Surgical and Orthoptic treatment of varied types of ocular motility Imbalance J.Bradley	57-71
Treatment of convergence deficiency S.Mayou	72-82
Doubts and Difficulties E.Exner	83-86
Cases treated in the Orthoptic department of the Birmingham Eye Hospital AB Curry	87-89
Squint Cases seen in the outpatient department J Parker Smith	90-94
Observations and Occlusion BM Voisey	95-97
Interesting cases of diplopia	98-99

F Taylor

Experiences in hospital and private practise HG Lee

100-102

BOJ Volume 4, 1947

What is Orthoptics? WB Lancaster	21-29
The Role of Orthoptic treatment D Mann	30-34
Anew Method of Developing Normal Retinal Correspondence S Mayou	35-38
The Modern Technique of Squint Operations A Seymour Phillips	39-47
The Adoption of Rhythmic illumination for Orthoptic Treatment H Cotter	48-53
Some Problems in the Diagnosis of symptom Production Heterophoria TK Lyle	54-64
Orthoptic in the Royal Air Force R Rowe	65-74
Some Aspects on the treatment of Squint AB Nutt	75-79
Divergent Strabismus E Stringer	80-82
Are Orthoptics Really Necessary? P Merory	83-84
A Survey of Esophoria and Ciliary Spasm G Irvine	85-95
The Choice of Operation in cases of squint LHG Moore	96-102
Accommodative Squint associated with emmetropia KM Parson	103-104
The Relationship between the Ophthalmic Surgeon and the Orthoptist RD Weedon Butler	105-106
Abnormalities of accommodation in cases of heterophoria B Hare	107-108
Muscle Imbalance and Squint M Ranken	109-110
The Occlusion of infants	111-113

M Lyon

The Effect of Operative Alterations in the height of the external rectus Insertion J Foster, EC Pemberton	114-116
Views of selecting Suitable Cases of heterophoria for Treatment E Stringer	117-119
The History of Orthoptics JH Austin	120-121
An Orthoptist with the Royal Air Forces at home and overseas B Mayou	122-134
Esophoria P Ward	135-136
Proprioceptive Reorientation E Pemberton	137-138
Some Observations on Operative Results IV Banks	139-142
Homework exercises in the treatment of heterophoria M Bell	143-144
Notes on bar reading P Ward	145-147
Some attempts to shorten treatment for country patients EB Dolan	148-149
Case Notes of Special Interest Inferior Oblique Overaction S Mayou	150-156 150-151
Ocular motility imbalance with disease B Mayou	151-152
Accommodative Spasm B Hare	152-153
Compensated Heterophoria B Mayou	153-156

BOJ Volume 5, 1948

Movement disorders of the Eyeball P Sandifer	18-32
A Review of Orthoptics in Northern Ireland D Rankin	33-44
Some New Ideas in the treatment of a fully accommodative convergent squint S Mayou	45-49
Sidelights on the inferior oblique muscles J Ringland Anderson	50-61
Orthoptics in perspective D Salisbury	62-65
Some Observations on the treatment of the ARC M Brooke	66-68
Intermittent divergent squint Miss Thornhill	69-72
Eleven years experience of posterior marginal myotomy and orthoptic training R Lang	73-77
Selection and Orthoptics treatment of adult cases P Ward	78-81
Brazilian Interlude B Mayou	82-83
Le Traitment non Operetoire du Strabisme Concomitant SB Vallon	84-93
Overaction of the inferior oblique J Mein	94-98
Observations based on a Survey of 3 years Orthoptics in a small department R Scott	99-102
Statistical Tables	103-116
An Adjustable bar reader K Parsons	117-118
Eye exercises – self help C Maclagen	118-119

Case of bilateral superior oblique paresis following Cerebral decompression BL Goswell	120-122
Right concomitant convergent squint with onset at 11 months and binocular single vision postoperative S Chalmers	123
Vertical Paralysis with binocular single vision postoperatively FB Badcock	124
Vertical Paresis with convergence deficiency JF Mills	125-127
Re-education of binocular vision in a case of monocular aphakia BL Goswell	128-129
AHP in 2 cases of lateral rectus palsy JF Mills	132
A Case of Traumatic diplopia S Mayou	133

BOJ Volume 6, 1949

Suppression in normal and abnormal Binocular vision NM Brooke	16-21
A Review of the treatment of convergent squint I Llyod	22-23
The Psychological approach to Orthoptics ME Holland	24-27
Aniseikonia Lord Chernwood	28-31
Varying Responses to tests for Binocular vision in cases of divergent squint S Heetly-Spencer	32-36
Heredity in Orthoptics SH Faulkner	37-41
Vertical deviation associated with convergent squint J Mein	42-49
The Hess screen test with Mirror dissociation VT Lees	50-55
Barriers and Aids to Fusion M Eyles	56-61
Experiences in the treatment of squints EM Mitchell	62-69
Selection and treatment of cases in a single handed orthoptic clinic FMS Ganam	70-72
Contact Lenses C Knott	73-75
The Value of Orthoptic investigation in the prescription of contact lenses Orthoptics dept, Moorfields Eye Hospital	76-80
Brains Trust S & B Mayou, G Vaughton, TK Lyle	81-88
Functional Home exercises in cases of eye strain M Eyles	89-93
The Phoro Optometer H Cotter	94-104

Convergent squint with lack of fusion and response to orthoptic treatment 105-106 EC Anderson

Convergent squint becoming Postoperative divergent squint 106-107 EC Anderson

Deficient movement of left inferior rectus with overaction of right superior 108 oblique S Mayou

BOJ Volume 7, 1950

Observation on the State of Binocular Single Vision Existing in the Non-Squinting child, and that, restored in cases of convergent squint, by refractive, Orthoptic and Surgical treatment. DD Rankin	23
Treatment of Convergent squint associated with hypermetropia G Vaughton, M Stewart	36
Some Observations on the development of binocular vision following operation in cases primarily regarded as having poor prognosis GTW Cashell	45
A few problems in Australia DE Balfour	51
The work of an Almoner in an Eye Hospital D Collis	56
Contact Lenses AG Cross	58
Orthoptics and Contact lenses S Mayou	63
Inauguration of the New Orthoptic Dept of the Westminster Branch, Moorfield Westminster and Central Hospital London WC1	70
The Use of Orthoptics in the diagnosis and treatment of Diplopia F Janus	74
The Decompensation Factor in Adult Squints N Boyle	70
Comments on the psychological significance of Vision, Derived from a study of certain cases RD Scott	83
A Years work in an Orthoptic Training School – April, 1949- March 1950 FB Badcock, BL Gosnell, JF Mills	96
A Students Conference D DaCunha	99
Some Observations in Switzerland and Egypt MJ Roper-Hall	101
A Review of the Treatment of Squint I Lloyd	105

The Potentialities of the Pigeon-Cantonnet Steroscope DD Rankin, PB Dowler	107
Selection of cases for orthoptic treatment and orthoptic management of a new case	115
Orthoptics in Amsterdam R Scott	122

BOJ Volume 8, 1951

A cross section of cross eyes J Ringland Anderson	14
Abnormal Head Postures M Fitton	34
Some Observations on the expectation of the development of binocular Single Vision RA Scott	43
Investigation into Peripheral Fusion NW Boyle	50
Convergence Deficiency: An Occupational Study A Smith	56
An Examination of the Aetiology and Treatment of small convergent deviations, associated with a low degree of hypermetropia with a new approach to the treatment of this condition R Gittoes-Davies	71
Oxford Conference Some recent developments in the treatment of manifest and latent squint with particular reference to the use of convergence exercises BM Lee	85
A Study of divergent Strabismus in Australia R Holt	95
Some limitations of Orthoptics A Wells	101
Plastic Surgery of the eyelids and orbit DN Matthews	108
Clinical Meeting, British Orthoptic Society, 27 th October 1951	118
Prognosis in abnormal retinal correspondence AMB Shepherd	119

BOJ Volume 9, 1952

Circumstances leading to the development of squint EBAlabaster	11
The Long-term outlook on Accommodative squint KM Parsons	15
The terminology of Ocular rotations A Stanworth	18
A Survey of intermittent convergent strabismus, apparently due to insufficiency of the harmonic reflex T Robinson	28
The theory of dysfunction of accommodation in the convergent squints of Childhood I Lloyd	40
Survey of a series of cases of accommodative strabismus PB Dowler	46
The influence of the vestibular apparatus on Ocular Movements T Cawthorne	52
Headaches LH Savin	57
Some inaccuracies in visual perception J Gloster, B Chir, R Harrison, J Vertigen	58
The Students conference	72
Anomalies of fusion: The Signature of Acccommodative in Orthoptic Treatment M Stewart, G Vaughton	75
Aids in teaching Ophthalmic Optics EJ Naylor	81
Observations on squint therapy in Switzerland A Meyer	89
A Case of Divergent Strabismus J Mein	94
Australian new-letter I Martin	96
Eccentric Fixation with Variations J Bagshaw	98

The Young Deaf Child CM Corbishley	103
A Survey of accommodative squint M Fitton	106
An Examination of classes of small degree Esotropia R Gittoes-Davies	113

BOJ Volume 10, 1953

Congenital Anomalies of the Extra-Ocular Muscles HE Hobbs	3
A Changed approach to abnormal retinal correspondence	10
M Levinge	10
Peripheral and Macular Fusion	20
JE Winkelman	
The Suppression Theory	23
H Asher	
Modified Combination of the Lancaster and Hess Tests	32
J Foster, EC Pemberton, J Bagshaw	
Vertical deviations in horizontal squint	37
RA Crone	
Aetiology and treatment of paralytic squint	40
WOG Taylor	
Nystagmus	51
CRS Jackson	
Some therapeutic contraindications in the treatment of squint	54
F Janus	
Partially sighted children and their education	58
PMcG Moffat	
Education in schools for the partially sighted	59
EE Weavers	
The Cerebral Palsied child at school	64
MA Budd	
Orthoptics in Belgium	68
MA James	
Four Years of Orthoptics in the Zurich Universitats-Augenklinik	71
C Braun J Boissonnas	
Occlusion Clinic	76
E York	
Total Occlusion	78
S Mayou	
Case Notes	- 0
Right Convergent concomitant strabismus, later complicated	79
by paralysis of left Lateral rectus	
DD Rankin	00
Gross ex-cyclophoria in unilateral Aphakia	80
J Foley	0.1
Unilateral Aphakia, originally myopic, with anisometropia	81
J Foley L oft convergent strehismus (tonic type) treated in infency	02
Left convergent strabismus (tonic type) treated in infancy	82
R Holt	

BOJ Volume 11, 1954

Orthoptic investigation in unilateral aphakia	3
J Foley Clinical significance of the contact lens in orthoptics F Riley	10
Accommodation reflex	13
FW Campbell Some Observations on accommodation-convergence synkinesis	18
WM Walker	
Role of cortisone in ocular disease	23
C Cook	
An Answer to the suppression theory	32
Lord Charnwood	20
Amblyopia and strabismus	38
CM Ferguson	40
Evolution of spectacles	43
L F Whitaker	5 0
Occupational therapy, treatment, and training	52
M Smith-Rose	57
Measuring the Angle of Squint	57
JG Van Den Bosch	60
Orthoptic Forum	60
British Orthoptic Society: Oxford Congress	65
Surgery and Sensory adaption in binocular vision GTW Cashell	66
Vertical Deviations in Children	80
PB Dowler	
Treatment of small vertical deviations	86
BL Gosnell	
Treatment of Cerebral Palsy by the inhibition of abnormal reflex action K Bobath and BO Bobath	88
New methods of overcoming suppression	99
ODM Goodall	
Suppression and post-operative diplopia in relation to the sensory pattern M Marsh	104
Post Operative Central Suppression	110
J Bagshaw	
Case Notes	
Alternating convergent strabismus with alternating hypertropia where	112
A functional result followed treatment	
R Gittoes-Davies	
Intermittent divergent squint of mixed type treated by surgery	113
ODM Goodall	
Decompensated Esophoria complicated by accommodative spasm	114
J Boardman	

BOJ Volume 12, 1955

Observations on the aetiology and treatment of the vertical congenital Ocular Palsy AB Nutt	4
The Place of fixation in orthoptic procedure JE Lancaster	21
Investigations and treatment of cases of strabismus and heterophoria In which surgery is contemplated L Billinghurst	26
The Orthoptic Department, past, present and future	33
S Mayou, FD Badcock, BR Finlayson and BL Gosnell	
Importance of the History in the prognosis of convergent squint P Kempe	41
Abnormal retinal correspondence	48
Y Maurer	
Investigation of abnormal retinal correspondence and eccentric fixation H Cotter	71
A note on abnormal retinal correspondence	75
S Mayou	75
Aetiology of convergent strabismus	77
RW Stephenson	
Spontaneous Divergence in cases of convergent strabismus 79 JS Groves	
Further ideas on selection and treatment of small degrees of	85
Convergent strabismus	05
Observations on the psychological aspect of early surgery for squint L Billinghurst	89
Case notes	0.1
Two patients with Amblyopia of the left eye showing usual response to Synoptophore tests	91
MH Fitton	
Left Convergent strabismus with Aniseikonia	93
PB Dowler	,,
Left convergent strabismus (accommodative type) with underlying	95
Paresis of the left superior oblique	
PB Dowler	
Consecutive divergence following surgical correction of a lateral Rectus palsy incurred in adult life	97
CM Stewart	
Apparatus AT Wagstaff	99

BOJ Volume 13, 1956

Use of bifocal spectacles in the treatment of accommodative esotropia	3
HM Burian	
Some Psycho-physiological aspects of vision related to orthoptic procedure	7
MAD Eyles	
Reaction to young children to admission to hospital	14
RS Illingworth	
Prevention of emotional sequelae in young children during operation	18
For strabismus	
P Pinkerton	
Value of occupational therapy for hospitalized children	21
BG Collins	
Results of early operation for strabismus	28
JA McCann	
Overaction of the inferior oblique muscle. A description of six cases	33
AB Nutt	
The Retraction Syndrome. An Analysis of cases	48
Read by Joyce Mein, representing the Sheffield United Hospitals Orthoptic	
Training School	
Scope of Speech Therapy	65
CE Renfrew	
Progress in Orthoptics	72
DA Campbell	
America Revisited	75
L Billinghurst	
Television Trainer	82
EC Anderson	
Use of Sight Saving Schools in the Supervision of Amblyopia Ex Anopsia	86
J Bruce Hamilton	
Intermittent Divergent strabismus	89
D Thornhill, EA Cameron, A Bonsor	
Case Note	
Marked vertical strabismus, controls of deviation being associated with	96
Bilateral vertical nystagmus and abnormal head posture	
D W Hall	

BOJ Volume 14, 1957

Ophthalmoplegia in systemic disease	4
K Wybar	
Observations on the surgical treatment of strabismus	11
AB Nutt	20
Observations on convergent strabismus associated with defective movement	29
Of the superior oblique muscle	
ME Wesson	20
Reflections on the Aetiology of strabismus	39
I Lloyd	40
Pleoptics	43
H Gale	47
New ideas gleaned in foreign clinics for the treatment of Amblyopia	47
Especially that due to eccentric fixation	
R Downey Contribution to discussion on planning	53
Contribution to discussion on pleoptics J Foster	33
Orthoptics in Lyons	56
CM Douthwaite	30
A case of eccentric fixation in an adult in which central fixation has	61
Has been restored	01
E Stringer	
Treatment of Amblyopia secondary to anisometropia	68
JW Bishop	00
Pilocarpine in the treatment of accommodative strabismus	75
V Mead	, ,
Application of physiotherapy to the treatment of acquired Ocular palsy	82
JM Egerton	
Mayou Bar-reader	88
S Mayou	
Mental effort ion orthoptic treatment	91
M Crane	
Suggestions for comprehensive History-taking	94
L Billinghurst	
Further Observations on the hospitalization of children with strabismus	97
1. H Ditchman & S Finch	
2. M Marsh	
Case Notes	
Ciliary Spasm	101
JB McLeod	
Some interesting cases of adult strabismus	106
JM Hancy	
Unusual case of convergent strabismus	107
PP Beale	
A Case of uniocular Aphakia	109
J Tremlett	
Annotations	444
Incidence of divergent squint among fair-haired people	111
A Morgan	110
Training convergence on the synoptophore	112

BOJ Volume 15, 1958

Retrospective Diagnosis	3
JH Doggart	
Mechanism of Amblyopia	16
ES Perkins	
An introduction to the study of pleoptics	23
K Wybar	
An investigation of pleoptics	27
C Douthwaite, B Lee	
Amblyopia	36
R Downey	
Diplopia and ocular palsies ion relationship to general medicine and	55
Neurology	
SP Meadows	
Diplopia following Injury	61
AB Nutt	
Use of drugs in treatment of strabismus	73
RW Stephenson	
Results of early surgery for strabismus	77
GJO Bridgeman	
Need for research in orthoptics	82
ZJ Bryer	
Prevention and treatment of amblopia ex anopsia in the school health service	86
S Sutcliffe	
Treatment of suppression `	98
R Pigassou, M Chadourne	
Accommodative strabismus with convergence excess	103
K Parsons, R Salisbury	
Treatment of accommodative strabismus with convergence excess	109
S Sutcliffe	
Orthoptics in the USA	113
EB Stanley	
Elimination of suppression	120
AM Adams	
Three cases of acquired paralytic strabismus with unusual reactions	122
To diplopia	
PB Dowler	
Correspondence	124
Hospitalization of young children	
RAD Crawford	

BOJ Volume 16, 1959

"twenty-one"	3
S Mayou	
Orthoptic treatment of concomitant strabismus	7
T Keith Lyle	
Indications for superior oblique surgery	21
K Rubinstein	
Adaptions of the squinting eye	41
P Jameson Evans	
Cause of accommodative strabismus	51
EF Fincham	
Treatment of accommodative strabismus with convergence excess	60
S Mayou	
Research into migraine	66
EL Tonks	
Occupational orthoptics	75
CRS Jackson	
Small-angle strabismus and the modified major amblyoscope	85
A Stanworth, D Da Cunha	
Methods and standard of investigation of strabismus in Great Britain and on the	91
Continent of Europe	
H Gale	
Spectacles for low visual acuity	100
BK Russell	
Some observations on the use of contact lenses in the treatment of anisometropia	104
J Dixon	
Incidence of Amblyopia in children with strabismus	109
EJ Naylor, AG Wright	
Some comments on the question of early operation	114
A Bonsor	
Importance of correcting vertical deviations	119
R Gartenberg	
Orthoptics in Ceylon	123
T Tissera	
Development of concomitance	126
J Mein	

BOJ Volume 17, 1960

Visual screening of 3 year old children	1
S Sutcliffe	
Accommodative Esotropia	12
HM Burian	
Report on pleoptics	21
C Douthwaite	
Punch card for recording deviations of the binocular imbalance	32
GH Jonkers	
Clinical signs and diagnosis of the A and V syndromes	43
ME Wesson	
Ocular complications in Thyroid Disease	55
AB Nutt	
Anisometropia and Amblyopia	66
PR Stevens	
Ocular electromyography in disorders of motility	74
SI Davidson	
Management of unilateral Aphakia	82
K Rubinstein	
Some results of the use of Di-isopropyl-fluorophosphate in the treatment of	87
Strabismus	
E Stanley	
Effect of the passage of time on accommodative strabismus of the convergence	93
excess type	
AR Parker	
The evil eye and its relation to squint	99
B Brooke and V Rayner Smith	
3 years experience of orthoptics in Munich	104
B Thatcher	
Case notes:	
Acquired bilateral sixth nerve palsy in a child	110
MC Ward	
Third nerve palsy with loss of fusion	114
SL Wade	
Persistent Diplopia	116
D Thornhill	

BOJ Volume 18, 1961

Recent developments in the treatment of Amblyopia PA Graham	1
Amblyopia in anisometropia	9
B Usher Killen	
Simple anisometropia and Amblyopia	13
J Robinson	
Prevention and treatment of Amblyopia in the young child	27
ME Wesson	
Principle of ophthalmoscopy	32
AN Cameron	
The Pleotophore	42
K Bullock	
Observations on pleoptic treatment in Missouri USA	48
J Plowright	
Occlusion of the amblyopic eye MC Ward	52
Alternating sursumduction or dissociated vertical divergence	61
T Keith Lyle, J Wilkinson	
Some practical observations on alternating Hyperphoria	78
AV Maclennan	
Some factors concerned in the production of heterophoria	84
K Wybar	
Assessment of the results of orthoptic treatment in heterophoria	87
ZJ Bryer	
Esophoria with particular reference to the divergence weakness type	90
J Mein	
Convergence Excess	95
J Bagshaw	
Hereditary tendencies to congenital muscular anomalies SA Bekenn	100
Primary divergent strabismus	106
IB Hall	
Orthoptic treatment of intermittent divergent strabismus of the	110
divergence excess type	
I Durran	
Intermittent divergent strabismus of the divergence excess type	114
ME Wesson	
Orthoptic treatment of loss of convergence and accommodation	117
caused by road accidents ("Whiplash" injury)	
M Anderson	
A defence of the use of the cover test to estimate the angle of deviation SA Bekenn	121
Case notes: A fully accommodative strabismus becoming a large constant Manifest deviation with no predisposing cause S Gibbons	124

BOJ Volume 19, 1962

Pleoptics Symposium: Foreword	1	
T Keith Lyle Principles and deliving the treatment of Amblyonic	2	
Principles underlying the treatment of Amblyopia AB Nutt	2	
Modern therapy of suppression Amblyopia	8	
R Sauberli	O	
Recent developments in pleoptics	13	
JW Walker	13	
Treatment of Amblyopia by inverse occlusion and pleoptics	19	
W Barnard		
Dark-adaption in amblyopes	31	
H Saiduzzafar and M Ruben		
Pleoptics in the USA	35	
MH Fitton		
Unilateral Aphakia	39	
CM Ruben		
Survey of patients referred for Orthoptic examination from the	62	
Contact lens department		
Y Maurer		
Some children's diseases seen by an Ophthalmologist	80	
MAC Jones		
Brain Tumors and their effects	85	
E Turner		
Recession of the inferior oblique	95	
OO Ffooks		
Mitosis and strabismus		102
J Whitewell		
Anomalies of accommodation	113	
B brooke	110	
Binocular vision after treatment for convergent squint	119	
A Stanworth, EJ Naylor	106	
Cases of accommodative strabismus discharged as Orthoptically	126	
Satisfactory PL Coswell SA Fineh		
BL Goswell, SA Finch The AV Syndrome	133	
AG Gross	133	
Photography in the Orthoptic Department	136	
Y Maurer	130	
Case note: Gross Anisometropia	141	
A Dayson		
Use of Physiological diplopia in treating strabismus by means of the	144	
Gillie Diploscope		
J Calder Gillie		

BOJ Volume 20, 1963

Neurological significance of disturbances in ocular motility	1
W Papst	
Head postures in Labyrinthine defects	12
J Kodicek	
Abnormal head posture	18
AB Nutt	
Diagnosis of visual defect in early childhood	29
MD Sheridan	
Early surgery of strabismus	37
A Arruga	
Convergent squint of early onset results of treatment	45
GJO Bridgeman	
Incidence of spontaneous improvement in convergent strabismus	54
D Rankin	
Use of transparencies in the treatment of accommodative strabismus of	64
The convergence excess type	
A Kane	
Significance of peripheral Fusion	69
J Hughes, AJ MacKinlay	70
Surgical treatment of Ptosis	79
PL Blaxter	0.7
An approach to heterophoria	87
D Craig	0.1
Physiological diplopia	91
DM Jester	05
New visual aid for demonstrating projection and optical correction	95
Y Maurer	100
Te Graph Chart E Lowndes Yates	100
	109
An Orthoptic Cabinet BL Gosnell	109
	112
Case note: Secondary convergence spasm following primary failure of Accommodation	112
J Bagshaw	
j Dagsilaw	

BOJ Volume 21, 1964

Entopic I M H Fitt	Phenomena in the treatment and diagnosis of strabismus on	5
	ar significance of abnormal head postures	14
ME Wes	-	
Nature a	nd cause of squint of early onset	29
AA Dou	glas	
	ling with a punch card system	50
FB Badc		
	nces of vision that result from head injury	59
	arke, GF Rowbottom	
	ation behind a cover	63
N Cridla		60
	ion testing in young children	68
GL Cant		70
_	ment of eccentric fixation	73
I.	Children up to the age of 5 years – J Steer	
II.	Children aged 5 years and over – J Mein	02
	nt of eccentric fixation by the red filter method	83
K Bulloc		05
-	um on planning research	85
I.	what is meant by casual connexions – PG Espinasse	
II.	Judging significance – RJ Nicholson	
III. Micro co	Planning a research project – DD Stenhouse Stewart orneal lenses in unilateral aphakia	93
	oughby Cashell	93
	and ophthalmology	98
JH Dogg	1	70
	tions on the role of vision in human learning	103
SH Hask		103
	etropic anisometropia	106
CRS Jac		100
	etropic Amblyopia	111
BL Gosn		
Correspo		
BE Lewi		
E Rivers		
Improve	ment in the visual acuity in anisometropic Amblyopia treated by glasses	
alone		
SL Wade		
Case not	es – alternating inferior oblique "Palsy"	116
J Mein		
	ces – a selective occluder	120
M Ruber		
	North America 1963	122
BM Lee		

BOJ Volume 22, 1965

Cyclotropia due to bilateral superior oblique palsy caused by head injury	2
T Keith Lyle	10
Neuropathological aspects of visual disturbance L Wolman	10
Some aspects of surgery of the vertically-acting extra-ocular muscles	23
M C Handscome	
Atropine treatment for Amblyopia ex anopsia	35
RF Lowe	
Punch-card recording of squint statistics	43
EJ Naylor	
A survey of the results of early surgery for strabismus carried out in	53
The North of England	
J Bagshaw	
The risk of rubella in pregnancy	63
C G Parsons	
Ophthalmic problems in spina bifida and hydrocephalus	70
RB Zachary	
Ocular changes in hydrocephalus	72
UK Goddard	
Loss of fusion following brain damage	81
SL Wade	
Strabismus in cerebral palsy	84
VH Smith	
The single optotype	95
OOF Ffooks	
The symbol test. A new test for visual acuity	98
OOF Ffooks	
Two cases treated by pleoptic methods	101
J Walker	
The treatment of intermittent divergent squint of the divergence excess type	104
P catterall	
Theory in orthoptics illustrated by means of the horopter concept	112
DF woodhouse	
Case notes – allergy to phospholine iodide	118
C Good	

BOJ Volume 23, 1966

The electrical detection of eye movement	1
JH Kelsey	
A modified corneal contact lens: Binocular single vision in uni-lateral aphakia	19
J Bagshaw, SP Gordon, A Stanworth	
Tucking of the superior oblique	31
J Nolan	
Fixation disparity	41
K Bullock	4.0
Vision screening of school entrants	48
A Ainsworth, A Greenwood, S Zintel, PR stevens	
Anisometropic Amblyopia, Axial length in strabismus and some observations	57
On spectacle correction	
CI Phillips Abnormal hand shares associated with coulor defeats	62
Abnormal head shapes associated with ocular defects ME Wesson	02
The "heavy eye" phenomenon: a preliminary report	75
J Bagshaw	13
A Backward look at orthoptics	79
AA Douglas	,,
A comparison of conventional and aniseikonic slides used as a synoptophore	90
Screening test for binocular function in unilateral aphakia	
M Adams	
Another look at pleoptics in St Gallen and Giessen	96
KE Bullock, VA Hughes	
Incidence of ocular disease and asthenopia related to age and type of work	100
J Lambert	
A work teaching aid for orthoptics and ophthalmology	108
DML Willimas	
The Miniature red and green cross	112
EC lowndes Yates	
The rotating pinhole	114
EC Lowndes Yates	
Case notes	11.
A Case of apparent intermittent overaction of the left superior oblique	116
E Clarke	110
Unilateral spasm of accommodation and transient convergent squint	118
Due to an anxiety neurosis AW Sollom	
A case of right convergent strabismus with some Amblyopia	120
S Mayou	120
D 111uy Ou	

BOJ Volume 24, 1967

Ocular and ocular muscle anomalies in thalidomide children JF Cullen	2
Some ocular manifestations of myopathies	15
DP Greaves	13
Some aspects of vision in infants	25
GL Ruskell	
Visual problems and cerebral palsy	33
O Ffooks	
Problems or teaching cerebral palsied children	42
ML Slather	
The significance of squint in certain forms of malignant disease	47
K Wybar	
The incidence of squint in minimally handicapped children	53
W A Venebals	
The anatomical basis of the pupillary reflexes	56
WN Dugmore	
The management of exophthalmic ophthalmoplegia	63
CAL Palmer	0.2
The use of double-focus glasses in the treatment of convergent strabismus	82
MA James	00
Congenital Glaucoma A Lister	90
Research techniques in orthoptics	102
M Fitton	102
Reliability of the Phi Phenomenon in Normal subjects	107
JH Goldstein	107
Low visual acuity aids and pleoptic treatment. Their application	109
In eccentric fixation following a loss of vision in the fixing eye	107
N Hudson, JW Walker	
Pleoptic treatment of adult patients using simple equipment	116
G Tillson	
Contact lenses used as occluders	120
M Ruben, J Walker	
A new E Chart	126
GH Jonkers	
Heterotopia of the Macula. Pseudo-eccentric fixation	129
S Hudson-shaw	
A case of acquired intermittent inferior oblique "palsy"	132
PV Milles, MA Coate	

BOJ Volume 25, 1968

The Dual nature of human extra-ocular muscle	2
NA Locket	
The A and V phenomena	12
A Stanworth	
Factors influencing decompensation	29
J Mein	
Some aspects of orthoptic treatment in cases of fully accommodative strabismus	37
MB Unwin, JM Rogers	
The limitation of suppression to one half of the visual field in the	42
Pathogenesis of strabismus	
MH Gobin	
A New approach to esophoria	40
S Mayou	
5 year survey of the use of occlusion in the treatment of eccentric fixation	66
A Dayson	
Review of results of contact lens trial s at the orthoptic department of the	75
Birmingham, Midland eye hospital between Jan 1966 and Sept 1967	
J Davies, M Panter	
A classification of intermittent squint	82
G Roper-Hall	
Case notes:	
Heredity in the superior oblique tendon sheath syndrome	91
M Gowan , J Levy	
A case of co-existing normal and abnormal retinal correspondence	94
HG Bredemeyer, K Bullock	
Correspondence: Pleoptics with children	97
M Cawood	
First international congress of orthoptics, 1967	100
BM Lee	

BOJ Volume 26, 1969

The objective assessment of visual function in young children	1
RB Harcourt	1.0
Neurophysiology and assessment of visual function in children	10
OO Ffooks	15
Sensory phenomena associated with suppression JA Pratt-Johnson	15
A Critical look at the significance of binocular vision	25
W Martin Walker	23
Microstrabismus	30
J Lang	50
Small-angle squints – theory and practice	38
A Stanworth	
From Orthophoria to microtropia	45
RA Crone	
Surgery of the cornea	52
D Ainslie	
The external ophthalmoplegia of myasthenia gravis	57
IA Chisholm, A Marshall	
Clinical electromyography of the extra ocular muscle	60
IM Strachan	
Convergence accommodation and convergence excess	68
EJ Arnott	
Problems in the treatment of squint	76
CRS Jackson	90
A medical teams visit to Afghanistan	80
A Gilbertson	83
Observations on disturbance of gaze movements RJS Smith	63
The cover test – a guide to its diagnostic and prognostic potential	91
Y Maurer	71
A survey of patients showing transfer of Amblyopia from the originally	103
deviating eye to the originally fixing eye by means of occlusion therapy	100
HM Goodier	
Case notes:	
Another case of co-existing abnormal retinal correspondence and	111
Normal retinal correspondence	
M Wooler	
Consecutive convergent squint in and infant	114
C Good	
Paralysis of accommodation	116
C Good	

BOJ Volume 27, 1970

Orthoptics in orbital injuries	3
Orthoptic dept, Hallamshire hospital Sheffield	
Injuries around the orbit	37
JB Garston, J Kirkpatrick	
Substitution movement in congenital horizontal gaze palsy	51
ME Gowan, J Levy, RJS Smith	
Orbital wall fractures	58
P Fells	
Malfunction of the superior oblique muscle	70
EM Middleton, IA Chisholm	
Genetics and Duane's syndrome	74
TH Kirkham	
Dyslexia	82
S Naidoo	
Assessing the prognosis in strabismus	90
V Rayner-smith	
Reaction of children to hospitalization from strabismus surgery	100
G Roper-hall	
Strabismus following measles vaccination	108
TH Kirkham, VA MacLellan	
An interoculatory treatment for eccentric amblyopias too old for usual	110
Methods	
L Casellato	
Estimation of the AC/A ratio by comparison for near and distance	113
Prism cover test measurements	
S Plolychroniadis	
Reversed or alternated eccentric fixation	118
G Roper-hall	
A method of estimating near visual acuity in young children	123
D Coxon	
Case note:	
A case of variable defective movement of the right superior oblique muscle	125
S Foster	

BOJ Volume 28, 1971

	2
Anomalous fusion in congenital trochlear paralysis	2
R A Crone, N Lafaut	1.1
Further investigations of the AC/A ratio	11
EJ Arnott, KT O'Callaghan	22
Unusual results of vertical muscle surgery	23
A Stanworth	22
The surgical management of the Duane syndrome and of sixth	32
nerve paralysis	
MH Gobin, J Bierlaagh	10
Orthoptic investigation and management of orbital fractures	42
R Watts	
Diagnostic and therapeutic difficulties in ectopia maculae	55
M Chedgzoy, LMT Collum	60
Early surgery in strabismus patients	60
C Calcutt	
Practical considerations for he use of contact lenses in orthoptics	66
SP Gordon	
Superior oblique tendon sheath syndrome	70
J Mein	
Treatment of eccentric fixation	77
LJ Pope	
Computers in hospitals	83
DW Porter	
Trial of black lined total occluders	93
R Watts	
Case notes:	
Loss of fusion after removal of cerebellar tumour	97
A Stanworth, J Mein	
Loss of central fixation following occlusion	99
HA Thompson	
A case of ophthalmoplegic migraine	102
S turner	
Acquired apparent superior oblique tendon sheath syndrome	112
J Sims	

BOJ Volume 29, 1972

Hydrophilic contact lenses	1
Contact lenses. Introduction: Aphakia, anisometropia and astigmatism	8
A Stanworth	
The management of children in contact lenses	17
JB Johnston	
An examination of a new method of screening young children for	22
Defects in visual acuity	
CT Hart	
Orbital fractures	25
GM Bleeker, JPA Gillisen, TH Oei, HH Verkerk, HJ Peters	
Survey adult cases treated with stepped Fresnel prisms	46
MEA Dayson, RC Kempster	
Social factors in strabismus a pilot study	56
W Massoud, S Nissim, WM Barnard	
Patterned visually evoked responses in Amblyopia	62
VJ Marmion, MA Coate	
The treatment of Amblyopia in patients with latent nystagmus	70
C Calcutt, W Cook	
A view on research	73
T Posner	
Case notes:	
A case of cyclic oculomotor spasm in a Sudanese patient	76
E Hadi, E Sheikh, A Gadir Mohammed	
A case of occlusion Amblyopia with constant diplopia	80
C Scott	
Review of literature 1971	84
MH Fitton	

BOJ Volume 30, 1973

Disturbances of the supranuclear control of ocular movements	3
G Roper-Hall	
Acquired ocular palsy	17
F Clifford Rose	
Aspects of the Ocular vergence system	23
TH Kirkham	
The relevance of visual fields in orthoptics	31
J Nolan	
Ocular manifestations of myasthenia gravis	38
PE Cleary	
Diplopia as a presenting symptom	52
JMS Yapp	
The possibility of predicting the appearance of strabismus	66
P Kramar	
Prediction of strabismus. Family history and refractive error in children	74
Under the age of 2 years	
RM Inram	
A review of cases of squint referred from school clinics	81
CRS Jackson, WO Petrie	
Colour vision testing in ophthalmic disease	88
IA Chisholm	
Strabismus and methods of space	92
E Aulhorn, B Bagolini, R Pigassou	
Case notes:	
An atypical case of musculofascial anomaly	101
S Polychroniadis	
Review of literature, 1972	104
MH Fitton	

BOJ Volume 31, 1974

Random dot stereograms	1
JP Frisby	0
Periodic alternating deviation with associated periodic alternating	9
nystagmus, head turn and esotropia	
G Roper-hall Investigation methods in neurological disease	16
JG Graham	10
Aneurysm-induced oculomotor palsies with particular reference to aberrant	28
regeneration	20
V Spooner	
Some skull deformities and their surgical correction	35
JM Smail	
Orbital blow-out fractures. To operate or not to operate that is the question	47
B Dulley, P Fells	
Some results of conventional occlusion	55
HM Goodier	
A survey of cases of eccentric fixation in children up to 10 years of age,	59
seen during the last 10 years	
A Pilgrim, S turner	
A survey of Amblyopia treated by atropine occlusion	65
AP Swann, CD Hunter	
Cyclotorsion – A New method of measurement	70
B Dulley, A Harden	
The Phase-difference haploscope of alhorn and its comparison in	78
Clinical use with the synoptophore	
V Rayner-smith	
Defective vision in children	83
I A R Brown	0.1
Defective accommodation in young children	91
A Karseras, B Unwin, K Wybar	06
Defective dissociation of accommodation and convergence in dyslectic Children	96
E Hammerberg, MS Norn	
Case notes:	
Hypotropia caused by thyroid dysfunction. A case of spontaneous recovery	99
D Thornhill	
A case response to occlusion in secondary divergent squint	107
P Dobinson	107
A case of divergent paralysis	109
S Foster	207
Review of literature 1973	111
HA Thompson	

BOJ Volume 32, 1975

A possible neurophysiological basis for Amblyopia	2
H Ikeda, MJ Wright	
Bilateral eccentric fixation	14
J Mein	
The assessment of visual function in young children	21
JW Howe	
Acuity measurement in the young	28
GV Catford	
The work of a paediatric assessment unit	34
M Hommers	
The visually-evoked response	37
J H Kelsey	40
The superior oblique: Its actions and anomalies	43
P Fells	~ 1
Single medial rectus recession in convergent deviations	54
R Gupta, I Gayed, A Dayson	50
Surgical management or vertical deviations MH Gobin	59
Duction measurements in limited ocular rotations	70
G Roper-Hall	70
Acquired paralytic squint in children	77
J Gibb	, ,
Ocular muscle palsy associated with skull-pelvic traction	87
B Lewis	07
Chronic progressive external Ophthalmoplegia	95
G Roper-hall, RM Burde, TG Klingele	,,
Glaucoma techniques: The role of the Orthoptist	103
L Foster, C Wortham	
The enigmatic squint	111
GS Willets	
Ophthalmic miniature:	
A true subjective uniocular test in "free space" for depth perception	118
M Wesson	
Case notes:	
Alternating sursumduction developing after surgery in identical twins	119
J Woolley	
Two cases of unilateral vertical nystagmus	122
P TC Docherty, C Lee	
A Case of consecutive Esotropia	124
J Davies	
Review of literature, 1974	126
H A Thompson	

BOJ Volume 33, 1976

Management of Glaucoma in a general hospital	3
F Barnett, PG Watson	
Cerebrovascular disease and the eye	12
R Capildeo	
The influence of laterality on Anisometropic Amblyopia	17
V Rayner-smith	
The changing role of orthoptics in dyslexia	22
P Dunlop	
Ocular side-effects of drugs	29
J Whitwell	
The development of sight	37
M Ruben	
Prognosis for binocular vision in monocular trauma	44
V Greenstein, JH Goldstein, RI Adler and E Karp	
Projection and diplopia	48
M Amphlett	
Vertical gaze anomalies	58
G Roper hall	
Myasthenia gravis and cranial nerve palsies	67
C Dodd	
Moebius's syndrome	69
PH Bannister, J Walker, K Wybar	7 0
Orthoptic aspects of squint surgery	78
V MacLellan, J Hughes	00
The use of optical penalization in the treatment of Amblyopia	89
SE Houghton	02
Treatment of concomitant Esotropia with fresnel prisms	93
CF Freeman	100
The Pinnick double prism	100
ME Kelly	
Ophthalmic miniature:	101
What's in a name	101
An Orthoptic saga	101
CF Freeman	100
Review of literature, 1975	102
HA Hinchlifffe	

BOJ Volume 34, 1977

Occlusion and dominance: Their effect on Amblyopia	1
MD Amphlett, GJ Smithson	
Occlusion and Amblyopia	11
RM Ingram, S Rogers, C Walker	
The place of the Orthoptist in visual screening of pre-school children	23
report of a pilot survey in Ayrshire	
B Roy, M Cameron, DH Paterson, WOG Taylor, JH Cameron	
Area vision screening	26
AV MacLellan	
Aspects of visual field examination	34
C Wortham	
The causes and assessment of visual field defects in young children	46
JW Howe	
Binocular ocular movement simulator	54
Y Maurer, AH Wall	
The rotating light test in the treatment of eccentric fixation	67
E Lowndes-Yates	
Intra-ocular lenses	72
SPB Percival	
Visual Hallucinations	77
DW Sumner	
Head injuries following road traffic accidents	83
MF Porter	
An Orthoptic guide to internuclear ophthalmoplegia	90
S Johnson	
Spontaneous recovery in bilateral superior oblique	96
Tendon sheath syndrome	
J Tapley	
Unilateral vertical nystagmus	101
L Finch	
Craniopharyngioma giving rise to see-saw nystagmus	104
J Arthur	
Review of literature, 1976	106
HA Hinchliffe	

BOJ Volume 35, 1978

New treatment for Amblyopia	1
RV Banks, FW Campbell, R Hess, PG Watson	
Historical review of literature concerning the aetiology of Amblyopia	13
(1959-1975)	
F Johnson	
An Appraisal of the surgical treatment of horizontal squint MBR Mathalone, C Calcutt	22
Results of the treatment of convergence insufficiency	28
EB Schwyer	
The assessment by an Orthoptist of a group of children attending remedial	40
Reading classes	
V Spooner	
Clinical evaluation of Stereopsis	46
HA Hinchcliffe	
The testing and recording of ocular movements	58
J Mein	
Vascular lesions in the cavernous sinus	65
JL Crompton	
Ocular motor defects in ophthalmic zoster	78
B Dulley, V Kelly, R Marsh	
The increase of hypermetropia in children	83
C Wortham	
Case notes:	
A case late repair of inferior rectus muscle avulsion	91
BM Cooper, RM Brown	
Cyclic Esotropia	97
ME Neatham	400
A Case study of defective accommodation following a viral infection	100
JB Brown	110
Congenital manifest jerky nystagmus, oscillopsia, and abnormal head posture	110
E Curran, G Buchanan	110
Dancing eyes syndrome	112
JJ Clarke	111
Duane's-Ehlers Danlos syndrome K Mavromichali-Ioannou	114
A case of vertical microtropia	118
JA Shortland	110
Review of literature, 1977	121
J Hughes	141
o riuginos	

BOJ Volume 36, 1979

The visually-evoked potential	1
NR Galloway	
Ultrasonography in ocular diagnosis	7
JS Hillman	
A review of Ophthalmic ultrasonography	18
M Le May	
Orthoptic management of learning disability	25
P Dunlop	
Aniseikonia in corrected anisometropia PV Mille	36
Indications for surgery of the A and V phenomena	45
MH Goblin	
Penalization as the primary treatment of strabismic Amblyopia	57
HE Willshaw, F Johnson	
Orthoptics in the gulf	63
FA Hosni, J Green	
Problems of accommodation and convergence in young adolescents	70
J Tremlett	
First catch your squint	78
AV MacLellan	
Pain in and around the eye	84
E Turner	
That wretched deduction	87
HW Rose	
Case notes	
Bilateral internuclear ophthalmoplegia and left 6 th and 7 th nerve palsy	94
J Mein	
A case of orbital dermoid cyst	98
R Long	
A case of micro-exotropia with associated exophoria and corneal ulceration	103
A Mills	
A review of literature, 1978	107
J Hughes	

BOJ Volume 37, 1980

A research project on learning problems in children W Evans	1
New evidence for "visual ambilaterality" in Some dyslexics	11
MS Fowler, JF Stein	11
The investigation of patients with supranuclear and internuclear	16
lesions with special references to the role of Orthoptist	10
A Horwood	
Centres and pathways concerned with ocular movements	30
HE Willshaw	
Preliminary survey on the cam visual stimulator	36
JJ Clarke, A Malmheden, A E Williams, L Dean	
The cam visual stimulator in everyday orthoptic use	40
A Malmheden, L Dean	
Alternative uses of the cam visual stimulator	42
AE Williams	
The Cam visual stimulator in everyday orthoptic use	44
JJ Clarke	
A controlled test of the cam treatment for Amblyopia	47
GD Sullivan, LJ Followfield	
Duane's retraction syndrome reconsidered	56
EM Waddell	
Late onset of Duane's syndrome associated with friedreichs ataxia	66
RF Mehta	
A wider concept of Stereopsis	71
DB Dunlop, P Dunlop, RA Neill	
Bar reading book for children	82
GM MacLure	
The finer points in ophthalmology	89
DB Goulstine	
Orthoptics in Rhodesia	96
S Parkinson	
Case notes:	
An interesting case of pseudostrabismus	101
C Wilkinson	
Two cases of vertical deviation	103
C Murray	
Correspondence	
The Frisby stereotest. Amended instructions	108
JP Frisby	
A review of literature, 1979	113
L Rossiter	

BOJ Volume 38, 1981

Contrast sensitivity	1
DA Arnold	
Theory and practise in the treatment of Amblyopia	6
PG Watson, RV Banks	
Miotics in the treatment of squint: A re-appraisal	17
GV Catford, A Wilson	
Early treatment of infant Esotropia	23
P Dunlop, DB Dunlop	
Findings in superior oblique palsy	31
A Fox	
Selective enhancement of superior oblique function by anterior extension	37
Of its insertion	
MJ Roper-hall, ME Wesson	
Nystagmus	45
PJL Hunter	
The clinical characteristics of micro-exotropia	54
F Johnson, LAP Cunha, RB Harcourt	
What information is hidden in the diagnosis of exophoria	60
MP Nielsen	60
Vision screening of handicapped children in special schools in South Wales	68
ME Kelly	70
An unexpected improvement in binocular functions after surgery	72
J Hughes The whole child	76
A Raikes	76
Laurence/Moon/Beidl syndrome	79
W Cunliffe	19
Is it organic?	82
JC Brown	02
Case notes:	
An unusual case of alternate-day squint (or cyclic Esotropia)	85
L Johnson	0.5
Review of literature, 1980	87
ME Kelly	07

BOJ Volume 39, 1982

Ocular motility disorders associated with thyroid disease	1
B Harcourt	
Diseases of the extra-ocular muscles	7
STD Roxburgh	
Horizontal movement disorders of the eye	12
J O'Day	
Brown's syndrome	17
E Waddell	
Vertical gaze, it's control and disorders	22
DJ Spalton	
The natural and unnatural history of a blow-out fracture	29
E Waddell, P Fells, L Koornneef	
Transfer of fixation in patients having occlusion treatment for	33
Strabismic Amblyopia	
AA Assaf	
Partial oculomotor nerve palsy possibly due to bromocriptine	42
FA Hosni, A Firth	
The control of intra-ocular lens power	46
JS Hillman	
Accommodative anomalies	51
A McIntyre, J Alexander, C Brown, E Jaron, A Pasteweska, A Patel, C Ryan	
C Self and L Watts	
Effect of light intensity on the prevalence of Exotropia in strabismus populations	55
PH Berg	
Clinical observations on the withdrawal test of symmetrical negative	57
convergence in Esotropia	
MM Lewis	
Case notes:	
Cyclic oculomotor paralysis including case report	59
GC Walker, JM Hudson	
A case of congenital cyclic oculomotor spasm	62
JMS Yapp, GA Sutton	
An interesting case of intermittent Esotropia	64
KJ McKeown	
An atypical case of vertical retraction syndrome	70
J Roberts, OP Sikka	
Brown's syndrome in identical twins	73
A Finlay, S Powell	
Review of literature, 1981	78
ME Kelly	

BOJ Volume 40, 1983

The asymmetrical optokinetic response	1
J Mein	
Retinal detachment and orthoptics	5
E Waddell	
The ocular manifestations of endocrine disease	13
DQ Borsey, RW Newton	
The eye in multiple sclerosis	21
WN MacLeod, I Bone	
Ocular motility consequences of trauma and their management	26
J Lee	
Fractures of the middle third of the face	34
NE Marchant	
Subdural haematoma associated with arachnoid cysts	40
SC Sullivan	
Consideration of ocular motor dominance as an aetiological factor in	43
some orthoptic problems	
MS Fowler, JF Stein	
Observations on the role of the Orthoptist in a paediatric assessment centre	46
JE Clewer	
Indication for the use of contact lenses in the amblyopic and strabismic infant	56
C Calcutt	
Low incidence of consecutive eso deviation following surgical correction of	60
exo deviation P Hutt berg	
Anisometropia in congenital unilateral ptosis – A survey	63
P Till	
A case of recurrent third nerve palsy	66
NB Rudge	
The alleged cause of heterotropia	70
A Firth, C brewer	
Review of literature, 1982	75

BOJ Volume 41, 1984

On the assessment of contrast threshold functions for anomalous vision	1
RF Hess	
The two-pencil test and the new Lang stereotest	15
J Lang	
Pregnancy and ocular problems	22
AY Firth	
The influence of recent contact lens advances upon their use in children	30
T Buckingham	
Ocular findings in newly-diagnosed hyperthyroidism	37
MA Johnstone, RA Edwards, EE Kritzinger, R Wilkinson	
Refraction in children using the Rx1 auto-refractor	46
E Evans	
Prevalence of squint and Amblyopia on the island of Curacao	53
B Devries, WA Houtman, J Van Bochove	
Noonan's syndrome in association with browns superior oblique tendon	58
Sheath syndrome	
IG Calder, HE Willshaw	
Recipe for research	60
AD Clayden	
Results of surgery in distance Exotropia	66
R Wickens	
The management of orbital tumours	73
P McLeod Kyle	
A new picture visual acuity test	77
H Kay	
Case notes	
Exophthalmos or proptosis? A case report	81
SC Sullivan	
Possible drug-induced paresis of accommodation	83
G Penney	
Review of literature, 1983	85

BOJ Volume 42, 1985

Superior oblique myokymia	1
GC walker	_
The one-and-a-half syndrome	5
EA Howrie, HE Willshaw	10
Neonatal eye movements: Normal and abnormal	10
A Fielder	1.0
Botulism, botulinum toxin and strabismus JS Elston	16
Timing of surgery in congenital strabismus	20
JP Lee	20
Assessment and stimulation of vision in multiple-handicapped children	26
W Harrison	
Hydrocephalus	32
AMP Kelly	
Paediatric oncology – selected orthoptic case studies	36
R Auld	
The crowding phenomenon and its significance in senile macular	45
Degeneration	
MP Rubenstein, J Underwood	
A new linear picture vision test	54
R Elliot	
Kirshenbaum's procedure in nystagmus	58
C Fernandez	
Computer modelling of the macular factors involved in the	65
Aetiology of A and V syndromes	
RA Clement, A Howrie	
Visual requirements for motorists	69
JV Plenty	
Case reports	
The case of craniofacial dysostosis syndrome of Apert	72
JW Walker	
Consecutive cyclic Esotropia	79
EM Hawkes	
Reversible ophthalmoplegia in Wernicke's syndrome	83
A Murray	
Review of literature, 1984	84
ME Kelly	
Orthoptic miniature binocular vision	88
MC Masters	

BOJ Volume 43, 1986

Contrast sensitivity in alternating deviations	1
AY Firth	
Interactions	10
R McNamara	
The teachers assessment of functional vision in visually	19
handicapped children	
A Best	
A study of the visual defects detected in children with cerebral palsy	22
and children with downs syndrome	
GA Shentall, G Hosking	
Myasthenia gravis as a side effect of d-penicillamine treatment	26
A Horwood	
Suppression behaviour in Duane patients older than 17 years of age	34
MF Hoogesteger, YS Everhard-Halm	
Lasers and their use in ophthalmology	29
JSH Jacob	
Vision screening with laser	43
MP Rubenstein	
Computer modelling of anomalous innervation of the extra-ocular	56
Muscles	
A Howrie, RA Clement	
Low vision aids	61
AM Mackie	
Strabismus: the role of the anaesthetic	65
AM Mackie	
The importance of birth history in the aetiology of strabismus	68
G Kervick	
Case notes	
A case of miller fisher syndrome	72
S Franpoon	
Hurlers syndrome – a case study	75
J Warrington	
Orthoptic miniature aniso-hypermetropia	80
H Glover	

BOJ Volume 44, 1987

Hypertrophy and shrinkage of neurons in the lateral geniculate	4
nucleus of infant monkeys following visual deprivation	
JJ Sloper	
Neurological field defects	15
N Sarkies	
Oculinum the orthoptic involvement	25
P Dunlop	
Role of Botulinum toxin in the treatment of squint – current indications	28
CM Powell, JP Lee, JS Elston	
The acuity card procedure: Its use in orthoptics	34
D Price, C Minshull, M Moseley, A Fielder	
Orthoptic assessment and treatment within a child development	39
centre team: some aspects of 14 years experience	
W Harrison	
Orthoptics: An important aspect of paediatric assessment	48
L Westly	
The abused child	50
G wearing	
The treatment of convergence excess Esotropia in the myopic patient	55
C Calcutt	
The AC/A ratio in intermittent Exotropia	59
JV Plenty	
A comparison of sighting dominance and the reference eye in	64
reading disabled children	
PM Riddell, JF Stein, MS Fowler	
Case notes:	
Acquired Duane's retraction syndrome	70
CF Freeman	
A case of myasthenia gravis	77
JK Hoole	

BOJ Volume 45, 1988

Assessment of the patient with pathological nystagmus	1
GN Dutton	
Cerebrovascular accident and the Orthoptist	8
CF Freeman, NB Rudge	
A new classical for intermittent Exotropia	19
JV Plenty	
Stereo-acuity in optic nerve disease	23
PG Griffiths, J Voller	
Inconsistency or stereo-acuity results using the frisby stereotest	26
J Voller, PG Griffiths	
Some aspects of eyelid surgery	30
ED Allen	
Ocular associations of congenital blepharoptosis – A retrospective study	37
TD Dowd, A Patterson	
Orthoptic management of visual dyslexia	40
MC Masters	
The effect of varying vergence speed and target size on the	49
amplitude of vergence eye movements	
MS Fowler, PM Riddell, JF Stein	
Visual defects in children with hearing impairment	56
H Wager, K Whale	
Brachial arch syndrome	59
LA Pawelczyke, KE Smith	
Problems of establishing a photo-refraction screening programme	66
T Smellie	
Histopathology of extra-ocular muscle in unilateral congenital third	70
nerve palsy	
CV Clark, B McCarry, A McCartney, P Fells	
Case notes:	
The guillain-barre syndrome and ophthalmoplegia	74
D price, NJ Price	
Left Duane's retractions syndrome associated with dissociated	78
vertical divergence – a case report	
M Clarke, FM Johnson, B Harcourt	
Correction of V Pattern Esotropia by unilateral surgery – a case study	82
CM O'Hare	
The problems of Pseudo-strabismus	86
JB Brown, WM Haining	

BOJ Volume 46, 1989

Ocular defects in children from birth to 6 years of age	3
JA Kendall, MA Stayte, C Wortham Orthoptic visual screening at 3 ½ years of age by	7
Huntingdon health authority	/
R Beardsell	
Orthoptists as pre-school screeners: a 2 year study	14
RS Edwards, AJ Whitelaw, AG Abbott	17
An assessment of the present system for visual screening of	20
school children in Nottingham	20
SJ Hardman Lea, The orthoptics staff of University Hospital Nottingham	
and SM Haworth	
Spectacle prescribing for children in the hospital eye department	26
MP Rubinstein, J Loades, SJ Hardman Lea	_0
The management of paediatric cataracts a retrospective study	30
R Auld	
Ocular motility problems following road traffic accidents	40
R Fitzsimons, P Fells	
The effect of lateral incomitance in intermittent Exotropia	49
LP Martin	
Contact lenses in accommodative Esotropia therapy	59
C Calcutt	
Preferential looking: The state of the art	66
CM Pearson, A Chandna, RML Doran	
Contra lateral inferior oblique surgical requirements following	73
unilateral weakening	
C MacEwan, C MacLellan	
Child abuse – A growing awareness	80
CJ Hobbs	
Some syndromes affecting the eyes seen in the neonatal period	88
AGR Rennie	
Squint in the dysmorphic child	93
J Walker	
The clumsy child	98
RJ Purvis	400
The education of the visually handicapped	102
EA Ainsworth	100
Amblyopia treatment in microstrabismus	109
YS Everhard-Halm, LJJM Mailette de Bay Wenningerprick	0110
Anisometropia: Cause of Amblyopia or result of underlying retinal defect	?112
AY Firth	117
Ocular motility problems following orbital decompression	117
F Kinsela, P Kyle, A Stansfield Skew Deviation	120
G O'Connor	120
Case notes:	
Reduced accommodation in asthmatic young adults	123
VT Almgill	143
A case of third nerve palsy with delayed recovery	125
PTC Docherty, L Pope	120

BOJ Volume 47, 1990

	6
MC Masters	
\mathcal{E} 1	11
HE Wilshaw	
Aspects of the neutral control of eye movements	23
CJK Ellis	
Botulinum toxin: An alternative to surgery in symptomatic exodeviations	31
JM Bernstein, JP Lee	
Surgery for distance Exotropia	38
DB Clements, LA Johnson	
Up and downshoots in Duane's retraction syndrome treated by lateral rectus	41
Fade operation	
JP Burke, HP Orton, IM Strachan	
Optokinetic nystagmus and the age at onset of strabismus	44
A Hooper	
A revolution in time	48
JS Allen, SE Johnson	
Are your glasses correct	53
SE Johnson, JS Allen	
The effectivity of screening: a comparative study of visual screening	57
SM Allen	
Low vision training – the role of the partially sighted society	61
J Thomas	
Back to basics: Assessment of binocular convergence in Esotropia	67
DM Moore	
Cyclophoria – a simple measuring device	70
JB Brown	
Prematurely born triplets displaying different types of esodeviation	76
DR Trew, CE Ainslie	
General Fibrosis syndrome – keeping it in the family	82
SMAllen	
Case notes:	
A case of lateral rectus palsy following contrast myelography	87
JA Bell, J Eastaugh, TC Dowd, RE Gillis, GG McIlwaine	
Treatment of intermittent distance Exotropia	90
FJ Rowe	
The Aetiology of squint	94
JV Plenty	

BOJ Volume 48, 1991

Orthoptic investigation of neurological patients undergoing rehabilitation MS Fowler, AJ Richardson, JF Stein	2
Management of congenital anomalies and cranio-facial trauma L Benjamin	8
Hypertelorism	13
JW Walker	1.6
Orthoptic interaction with the craniofacial unit at Oxford SM Czypionka	16
Visual acuity: a comparison of 3 and 6 metres test distance	21
KE Bryant, EM Gay, CD Hazell, SP Harris, TM Hollingsworth, MJ Mosely	
Blepharoptosis – aetiology, management and outcome in 500 consecutive cases	25
AA McNab, A Dunlop, JRO Collin	
The treatment of Amblyopia – a historical review	28
B Unwin	
The incidence of refractive error and anomalies of binocular vision in infants	32
A Bruce, MNA Hurst, H Abbott, H Harrison	
Duane's retraction syndrome – bilateral until proven otherwise	36
FJ Rowe, M-L Wong, CJ MacEwan	
The Dunlop test – fact or fiction?	39
CYM Buckley, JL Robertson	
An initial study of the treatment of intermittent Exotropia by minus	41
overcorrection	
PJ Donaldson, EG Kemp	4.4
Detection of crowding at an earlier age	44
SE Johnson, JA Sparks	1.0
Can orthoptics refract?	46
PE Arnold, BA Billingham, McGarricle, B Hopkinson	
Case notes:	40
Sudden reduced vision in a fully-accommodative Esotropia PS Edwards	48
A case of Gradenigo's syndrome following otitis media	50
LA Johnson	30
Sixth nerve palsy associated with a carotid cavernous sinus fistula	52
GG Mcllwaine, D Brosnahan, RM McFadzean, J Prentice, V Glover	
A Case of miller fisher syndrome	55
JR Murdoch, V Glover, M Cleary	
An Orthoptist in Romania	57
S Jocelyne Williams	

BOJ Volume 49, 1992

The crowding phenomenon – can it be detected by the preferential 1	
looking test?	
A McIntyre, C Hogg	
Bilateral Amblyopia in children can be improved by yellow filters	7
MS Fowler, AJ Richardson, AJS Mason, JF Stein	
Infant screening programme: screening for refractive errors in	12
infants with a family history of strabismus – will early detection	
predict later visual problems?	
S Anker, J Atkinson, W Bobier, J Tricklebank, J Wattam-bell	
Acquired mechanical restriction of eye movement	15
RB Trimble	
Superior oblique palsy with associated browns syndrome	18
DR Trew, E Lucas	
The incidence of visual abnormalities in children presenting to learning	22
Difficulties clinics	
E Lucas, CB James, V Quinn	
A preliminary appraisal of the Irlen screening process for scotopic sensitivity	25
syndrome and the effect of irlen coloured overlays on reading	
LJC Kydd, GFM Sutherland, PM MCGettrick	
Development of dominance in the central binocular field	31
P Dunlop	
Adverse ocular effects of systemic drugs. An Orthoptists guide	36
JA Sparks	
Glaucoma in children	39
NR Hawksworth	
Case notes:	
Fibrous dysplasia – an uncommon cause of pseudosquint	44
JR Murdoch, A Betney	77
Anisometropic exotropic Amblyopia associated with unilateral peripapillary	
46myelinated fibres	
E Ronen, B Bieder, Y Yassur	
Ocular motility in porencephaly	48
TV de Alwys	70
I T GC III Y JU	

BOJ Volume 50, 1993

The outcome of pre-school family screening RS Edwards, AG Abbott, AJ Whitelaw	1
A new look at crowding	2
C Sparks, JA Sparks, S Johnson	_
Audit of outcome – meaningless data or a measure of the quality of care?	7
R Beardsley	,
A comparison of children's cycloplegic refractions obtained from an	11
auto refractor and by retinoscopy	11
SH Dai, RM Ingram	
Accommodative and convergence insufficiency following whiplash injuries	19
HR Orton, JP Burke	1)
Incidence of ocular anomalies in children referred for a Dunlop test	22
JA Sparks, PE Waddingham	
A chequerboard test for field of binocular single vision	25
SR Perry, E Newcomb, RA Harrod	
Post-operative levels of stereo-acuity following surgical correction of constant	33
and intermittent distance Exotropia	
PE Waddingham	
Infantile Esotropia: current concepts in aetiology and management	37
C Calcutt	
The early development of binocular single vision in normal infants	42
AM Harwood	
The attributed effects of visual display units on the general and	47
ocular health of the operator – literature review	
J Ballantyne	
The care of elderly people in hospital - the Orthoptists role	51
S Carey	
Team work in rehabilitation	54
HA Ali, V Simpson, E Ellis, S Martin, S Walker, L Gannon	
Case notes:	
Brown's syndrome: a rare aetiology	58
MY Khan, N Edwards, R Holden	
Horizontal gaze palsy associated with pontine haemorrhage	62
NHV Chong, JR Murdoch, M Cleary	
Treatment of lateral rectus palsy secondary to cerebellar medulloblastoma with	64
botulinum toxin in a child	
IM Armitage, ME Nelson	
Late onset acute concomitant convergent squint – spontaneous recovery	66
S Haider, C Flowers	

BOJ Volume 51, 1994

An evaluation of cases referred to hospital by the Newcastle pre-school orthoptic service	1
C Milne A Study of children with minor visual defects referred from Primary School screening PS Carney P Norten	6
PS Carney, P Norton Strabismus documentations: an alternative approach EA O'Flynn	10
Clarification of the correct and incorrect use of ophthalmic prisms in the measurement of strabismus	15
AY Firth, JP Whittle The Cardiff acuity test in amblyopic children AM Horwood	19
Evaluation of the binocular Polaroid test and the four dioptre test in the Detection of central suppression	23
PE Waddington What is normal vision using vernier strips? J Suharwardy, B Hopkisson	27
The incidence of symptom-producing near exophoria with or without a convergence defect and associated neurological disease A Mills	30
A report of a clinical audit of the management of convergence insufficiency HR Wicks	35
Botulinum toxin in the management of heterophoria EG Lymburn, CJ MacEwan	38
Pre-operative prism adaption in acquired Esotropia JP Burke, WE Scot, SA Stewart	41
Ergonomics or orthoptics? E Lucas	45
Should Orthoptists screen orbital injury cases JK Hoole, RM McNamara	50
First steps in planning an eye survey LA Wright, CV Bunce	53
The role of accommodation in the maintenance of steady state binocular single vision JD Green, JA Burne	55
Case notes A Case of tolosa-hunt syndrome	58
MT O'Sullivan Binocular single vision restored after 3 ½ years of intractable diplopia JK Hoole	61
A Case of congenital bilateral oculomotor paresis T Cumpstay	64

BOJ Volume 52, 1995

Evaluation of the frisby screening plate and Lang II stereotest in primary vision screening in pre-school children GM Smith	1
Apparent hearing loss in congenital ocular motor apraxia FJ Rowe	5
Evaluation of the Cardiff acuity test in uniocular Amblyopia D Hazell	8
"Shades of grey" a case study of achromatopsia G Henderson, J Clarke	16
Convergence and accommodative insufficiency associated with superior oblique myokymia PE Waddington	21
Fully Accommodative Esotropia in adolescence RH Taylor, IM Armitage, JP Burke	25
Is fixation preference assessment an effective method of detecting strabismus Amblyopia? C Calcutt	29
Surgical management of a patient with browns syndrome in Sri Lanka Rm McNamara, K Fonseka	32
Visual assessment of patients with cerebrovascular accident on the elderly Care wards C Clisby	38
Is 6/9 visual acuity acceptable? Are we screening standards to high? JM Hardy, SA Brailsford, JD Anderson, C Milne	41
Further clarification on the use of ophthalmic prisms in the measurement of strabismus: the isosceles prism versus the right angled prism AY Firth, JP Whittle	48
Case notes Binocular diplopia caused by a pterygium – a case note YC Yang, P Shah	50
A Case of Aicardis syndrome associated with divergent squint J Ashworth, JR Murdoch, JL Noble	52
A Case of congenital cyclic oculomotor palsy J Ford	55
A Case of dorsal midbrain syndrome associated with demyelination S Clarke, NJ Sarkies	57
Convergence paralysis in a patient with sickle cell disease SM Allen	60
An interesting fracture of the orbital floor MJ Logan	63

BOJ Volume 53, 1996

Visual disturbances in chiasmal lesions	1
FJ Rowe	
Measurements of visual acuity using the smelling test in situations of blur	10
EK Tippings	
Is colour vision affected by Amblyopia?	17
AJ Starling	
Ocular motility disturbances in benign intracranial hypertension	22
FJ Rowe	
A comparison of AC/A ratio measurement using the gradient method at near	25
and distance fixation	
J Gage	
Is congenital nasolacrimal duct obstruction a risk factor for the development	29
of Amblyopia?	
R Chalmers, PG Griffiths	
Anisometropia. Orthoptics and early diagnosis make the difference	31
A Collins, J Hannah	
The outcome of orthoptic screening in Aberdeen in 1990	36
S Winder, A Farquhar, GKM Nah, WH Church, AGR Rennie	
Cultural factors to consider in the community eye clinic	39
EJ James	
Bangerter foils: a new approach to the management of pathological intractable	43
Diplopia	
A McIntyre, P Fells	4.0
Post –traumatic suppression loss and confusion following closed head injury	48
DK Parkinson, JP Burke	
The method of testing and recording of the post-operative diplopia test	51
C Gray, A Ansons, A Spencer	
Case notes	
Osteoporosis	54
R Russell	
Duane's retraction syndrome associated with an acquired	57
contra lateral lateral rectus palsy	
J Short	
Persistent Esotropia following recovery of sixth nerve	60
WH Hockney	

BOJ Volume 54, 1997

Prism fusion range: blur point, break point and recovery point	2
J Narbheram, AY Firth	
Visual electrophysiological testing of young children	7
MA Deacon, T Kriss	
The presenting features of parinaud's dorsal midbrain syndrome	20
FJ Rowe	
An historical look at fresnel	24
M Henderson, J Wylie	
Normal and abnormal head and eye movements in reading and their role	29
In the classification and management of dyslexia	
MA Jones	
Visual anomalies in dyslexia: a review of the literature	34
CG Gordon	
Orthoptic visual screening of pre-school children in Honk Kong	40
G Leung, M Leung, U Ng, R Tsui	
Long-term stability of adjustable strabismus surgery	44
PAC Tiffin, G Coyle, CJ MacEwen	
The effectiveness of inferior oblique z-plasty in V-pattern strabismus due	48
to primary inferior oblique overaction	
YC yang, A Ward, S Collar, A Chanda	
Anomalous accommodative response in high AC/A ratio convergence excess	51
Esotropia	
C Calcutt, P Kinnear	
Hypo-accommodative Esotropia	54
EL James	
Accommodative defects in children and young adults	58
C Calcutt, P Kinnear	
Case notes	
Convergence insufficiency with esophoria	61
P Watts, J Doran, G Horne	
Toxocara as a cause of Pseudo-hypertropia occurring with actual	63
hypodeviation of the same eye	
JK Hoole, OH Nelson, K Davey	
Total ptosis: an unusual presentation of metastatic bronchogenic carcinoma	67
S Harun, LA Baxter, J Fuller, IS Levi	

BOJ Volume 55, 1998

The role of diagnostic occlusion in distance Exotropia	2
KJ Walklate	0
Prism adaption versus diagnostic occlusion in constant concomitant acquired	8
Esotropia	
L Baker	
An analysis of the post-operative benefits of using pre-operative prism	15
adaption in acquired esotropias	
CJ Nave	
Is the orthoptic review of patients with no apparent deviation at Lincoln	23
orthoptic department time well spent?	
P King	
The effect of removing vision testing from child surveillance programmes	26
RM McNamara, S Duckworth	
Comparison of the efficacy of inferior oblique myectomy and recession	32
In the treatment of inferior oblique muscle overaction	
TL Shipman	
Acquired immune deficiency syndrome (AIDS) and ocular movement problems	38
EA Tomlin	
Bilateral Duane's syndrome occurring in three generations of one family	41
SC Turner	
Diagnostic applications of botulinum toxin: regarding the sensory status of	45
patients with strabismus	
EG Lymburn, CJ MacEwan	4.0
Assessment of crossed and uncrossed disparity with the frisby test	48
S Khana, G Henderson, M Cleary	
The use of fixation disparity for determining AC/A ratios	53
KL Heyes, JP Whittle	
Esterman driving tests using Humphrey automated perimetry	57
FR Rowe	
Orthoptic reports: descriptive or graphic?	66
G Henderson	
Social and psychological implications of strabismus	75
MA Deacon	
Case notes	70
"what's this whooshing in my head?" case report of carotid-cavernous fistulae	79
presenting with diplopia and ptosis	
L Cobb	

BOJ Volume 56, 1999

A review of optokinetic nystagmus (OKN) in infants and children	1
S Garbutt, CM Harris	
Orthoptics' current shared care role in ophthalmology	11
B McCarry	
The role of Orthoptists in biometry	19
RS Edwards, AR Davis, JL Shilling	
Detecting children who will benefit from treatment in an orthoptic clinic for	22
Specific learning difficulties	
R McNamara	
'A model of care': looking at the referral, diagnostic and clinical outcomes of an	31
integrated screening programme, 1995/6 to 1998	
K Townsend	
Comparison between methods of threshold estimation in the measurement of	37
visual acuity	
AJ Simmers, LS Gray, PV McGraw	
Bifoveal binocular single vision following recovery of microtropia	45
VS Henshall, FJ Rowe	
Third cranial nerve palsy/paresis: history and prognosis	49
FJ Rowe, T Eariss	
Acquired sixth nerve palsy in childhood	53
G Henderson, R McKay	
Blow-out fractures: recovery of ocular motility defects after orbital floor surgery	58
L Ballantine, CJ MacEwen	
Orthoptic assessment in a schizophrenic population	65
GM O'Mullane, PC Knox, R Gray	
The effect of red/green filters on TNO stereo-acuity	69
K Tutte, J Whittle, H Davis	
Does ocular dominance influence the measurement of fusional amplitude?	72
J Hainey, M Cleary, L Wright	
Development of a machine-readable orthoptic case record	77
BC Reeves, C Macintosh, T Deave for the PEOTA Group	
Case notes:	
Bilateral Duane's syndrome associated with mental retardation inherited in an	87
apparently X-linked pattern	
D Ah-Kine, S Sadiq, RMC Gregson	

BOJ Volume 57, 2000

Chronic progressive external ophthalmoplegia	1
PG Griffiths, RM Andrews	11
Do patients with convergence insufficiency show a profile of significant	11
psychological distress?	
T Massey, J Kincey	1 ~
The symptoms of raised intracranial pressure in idiopathic intracranial	15
hypertension	
FJ Rowe	1.0
Surgical management of sixth nerve palsy	19
TN Theodorou, A Ansons	
Dioptre for dioptre? Is there a relationship between refractive error and angle of strabismus?	23
TY Malik, EG Lymburn, CJ MacEwan	
Low vision services in Africa	28
MT O'Sullivan	
Comparison of snellen and log based acuity scores for school-aged children	32
C Stewart	
The Ayrdale Vision screening programme: a comparison of referral rates between	n 39
two pre-school age groups	
L Mulley	
Prism vergence measurements following adaption to a base out prism	42
LC Tuff, AY Firth, HJ Griffiths	
The torsionometer: a comparability study	45
J Davidson, M Cleary	
Cyclofusion: a literature review	50
C Lazenby	
Case notes	
The hazards of gardening: two case studies	54
SL Hughes	
Atypical strabismic fixation reversal due to submacular membrane with	57
vitreous haemorrhage	
FJ Rowe	
Radiotherapy in thyroid eye disease: possible beneficial effect on the orthoptic	59
status of patients	-
F Howarth, JA Dewar, CJ MacEwan	
· · · · · · · · · · · · · · · · · · ·	

BOJ Volume 58, 2001

The statistical review J Webster	1
Spasm of the near reflex: a literature review	3
A McIntyre	
A review of reading difficulties in relation to saccadic and visual anomalies in	12
very low birth weight children	
D Newsham, PC Knox	
Education attainment associated with ophthalmic morbidity in a low birth	19
weight population	
AR O'Connor, TJ Stephenson, A Johnson, MJ Obin, S Ratib, AR Fielder	
When is surgery indicated for distance Exotropia?	24
SR Richardson	
An investigation of the impact of occlusion therapy on children with	30
Amblyopia, it's effects on their families, and compliance with treatment	
LC Parkes	
Is Stereopsis linked to hand-eye co-ordination?	38
S Joy, H Davis, D Buckley	
Convergence insufficiency with associated superior oblique weakness	42
FJ Rowe, J Swift, CP Noonan	
Refraction after contact lens removal, and a comparison of binocularity in	45
contact lenses and spectacles	
SK Goyal, JP Whittle	
Case notes:	
Alternate-day hypotropia following retinal detachment surgery	49
P King, H Wortley	
A case of third cranial nerve palsy following recurrent meningitis	53
RM Groom	
A Case of Gradenigo's syndrome in a young child	55
S C Turner	
Sixth nerve and contra lateral fourth nerve palsies associated with diabetes	59
and hypertension	
VS Henshall, AE Ryder	
Spontaneous Pulfrich's phenomenon occurring with Meares-Irlen syndrome	62
J Clark	
Ataxia Telangiectasia	64
T Wood	
Strabismus associated with orbital rhabdomyosarcoma	66
B McCarry	
Ocular palatal myoclonus following cerebellar and brain stem infarct,	71
ocular motility and recovery	
LD Stuart, CL Edrich	

BOJ Volume 59, 2002

Editorial stance on duplicate and salami publication	1
AY Firth	
Preferential looking and grating acuity in the assessment of vision	3
SJ Shea	
The effect of ageing in eye movement : A literature review	12
JH Davidson, PC Knox	
Diagnostic, aetiological and management considerations in accommodative	19
insufficiency	
VS Henshall, FJ Rowe	
Aniseikonia and it's effect on binocular function: a review	23
C Stewart, J Whittle	
Reduced adduction following lateral transportation of the vertical rectus	30
muscles for sixth nerve palsy	
H Murgatroyd, I Fleming, C MacEwen	
The effect of fresnel prisms on binocular vision	33
ES Moreland, HJ Griffiths	
Is there a relationship between prism fusion range and vergence facility?	38
AC Melville, AY Firth	
The relationship between the strength of sensory fusion and motor fusion	45
Amplitude	
GE Hocking, JE Gage	
Detection of glaucoma: the role of visual fields	50
CE Coyle, JD Ellis, CJ MacEwan	
Use of log MAR Charts for the measurement of visual acuity in orthoptic	53
departments throughout the UK	
C Stewart	
Case notes:	
Concomitant Esotropia following sixth cranial nerve palsy	57
FJ Rowe, CP Noonan	
A case of intraorbital injury	60
M Logan	
A case of moebius syndrome with vertical muscle involvement, not	63
Well recognised by the literature	
GCI bates	
Spasmus nutans: A case review	67
SE Ashurst	
Isolated abducens nerve palsy without diplopia occurring in ophthalmoplegic	69
migraine	
G Horne, R Bhola, S Kheterpal	

BOJ Volume 60, 2003

Sixty yet still active A Y Firth	1
	2
	10
	15
	21
The orthoptic 'slant' on patients undergoing macular translocation JV Mehta, D Wong, J Wylie, BJ Young	28
	34
, , , , , , , , , , , , , , , , , , ,	41
	45
	49
•	52
·	55
	57
· · · · · · · · · · · · · · · · · · ·	61
	64

BIOJ. Volume 1, 2004

The development of convergence and accommodation	1
AM Horwood, PM Riddell	
Ocular sequelae form the illicit use of class A drugs	10
AY Firth	
Traumatic oculomotor nerve palsy: a literature review	19
S Christie	
Neuroimaging in Amblyopia: a literature review	24
CA Jukes	
Attention visual fields analysis amongst stroke survivors	32
I Cunningham, FJ Rowe, PC Knox, AC Fisher, C Jack	
The effect of diabetes and ageing on the initiation of smooth pursuit	37
eye movement	
JH Davidson, PC Knox	
Quantifying the vertical fusion range at four distances of fixation in a normal	43
population	
K Ulya, AY Firth, HJ Griffiths	
Do we really need binocular single vision?	46
KC Brown, D Buckley	
Paediatric idiopathic intracranial hypertension	52
FJ Rowe, CP Noonan	
Case notes	
Transient extraocular muscle palsy following dental anaesthesia	59
J Dhanji, D Lysons	

BIOJ. Volume 2, 2005

Publishing Information About Patients – Patient Consent	1
SJ Shea	
Vergence Adaption: A Phenomenon Or Normal Binocular Vision	3
AY Firth	
Clinical Assessments Of Stereopsis And Its Functional Significance	8
H Morris, AR O'Connor, MG Stephenson, M Mitchell, GJ Price, S Anderson	
Congenital Ocular Motor Apraxia	15
M McIndoe	
Attentional Visual Field Analysis Using Fastpac	19
I Cunningham, PC Knox, FJ Rowe, AC Fisher	
A National Survey To Assess The Prevalence Of Written Guidance For	26
Occlusion And Practise Variation In The Treatment Of Amblyopia	
S Elliott	
Factors That Influence The Visual Outcome In Cases Of Infantile Unilateral Cataract	32
C Dewsbury	
Pilocytic Astrocytoma Of The Brainstem	40
C Macintosh	
A Possible Case Of Heavy Eye Phenomenon	43
M McIndoe	
Recurrent Thyroid Eye Disease: A Case Series	46
EJ Wallace & CJ Macewen	
A Case Of Constant Esotropia With Diplopia Associated With Weight Loss	50
In Anorexia Nervosa	
B Manzouri, GGW Adams	

BIOJ. Volume 3, 2006

What's In A Title?	1
JM Woodhouse	
Visual Processing, Fixation And Eye Movements In Able And Disabled Readers:	2
A Literature Review	
N Northway	
Logmar-Based Visual Acuity Measurements : Limits Of Normality	9
CE Stewart	
Transdermal Scopolamine (Hyoscine): Visual Side-Effects	14
AY Firth	
Effects Of Blur On Humphrey 24-2 Results	17
HL Holmes-Smith, AY Firth	
Listening To Classical Music Can Slightly Improve Stereo-Acuity In	21
Normal Observers	
EE Griffiths, D Buckley	
Refractive Surgery And Strabismus	27
C Calcutt, B Manzouri	
The Effectiveness Of Inferior Transposition Of The Horizontal Recti In Improving	32
Symptoms In Patients With A Deficit Of Downgaze: A Case Series Of Nine Patients	
K Russell, S Nabili, CJ Macewen	
Case Notes:	
Silent Sinus Syndrome: Two Cases Presenting With Sudden-Onset Vertical Diplopia	37
C Macintosh, CE Riddell, S Hague	
Case Report Of Acquired Brown's Syndrome Due To Mucocoele	41
MAE Lye	
A Case Of Childhood Multiple Sclerosis	44
L Gaccon	
A Case Of Benign Intracranial Hypertension	47
SJ Shea	

BIOJ. Volume 4, 2007

Editorial: The future of the British and Irish Orthoptic Journal (BIOJ)	1
SJ Shea	
Saccades in strabismus: a literature review	3
HJ Griffiths	
Amblyopia treatment: from research to practice	9
M Cleary	
Visual perception and visual dysfunction in autism spectrum disorder: a literature review	15
E Milne, HJ Griffiths	
Interdisciplinary aspects of vision and communication deficits following stroke S MacDiarmid, FJ Rowe, F Parsons	21
The importance of cognitive function in driving following stroke	27
NR Morris	_,
Ocular motility disturbances in multiple sclerosis	31
N Morris, FJ Rowe	
Visual outcomes and conservative management options for infantile idiopathic	37
nystagmus and manifest latent/latent nystagmus	
M Christino-Amenos, AR O'Connor	
The role and clinical implications of rectus extraocular muscle pulleys	45
S Virdee	
Retrospective study to investigate the long-term sustainability of amblyopia treatment	51
P King, SC Turner, C Kidals, E Clakre, D Ward, H Wartley, V Chapman, S Mohamoud	
Incidence and nature of orthoptic problems found in children previously screened for	54
retinopathy of prematurity: an aurgument for orthoptic follow-up?	
H Bullock, JM Butcher, C Burrows, K Hordern, L Smith, S Clegg	~ 0
Prism fusion range: Gulden versus Clement Clarke plastic prism bar	58
JK Bath, AY Firth	<u> </u>
Visual function measurement using a laptop computer: does the screen angle matter?	65
AR O'Connor, PC Knox, J Bridson, R Tompkin A pilot study of ocular symptoms experienced by visual display unit users	70
JV Mehta, AR O'Connor	70
Inferior rectus recession (IRR): outcome of surgery	76
G Cormack, K Russell, C MacEwen	70
Orbital foreign body causing temporary diplopia: case report	80
S Elliott, R Collyer-Powell	00
Two cases of Kabuki syndrome	83
C Everett-Allen, S Wilton	
The use of botulinum toxin in acquired nystagmus: literature review and case	86
presentation	
SL Poulton	

BIOJ, Volume 5, 2008

Research in binocular vision and amblyopia: recent progress and future challenges	2
F Sengpiel	
Impairment of vision in children due to damage to the brain: a practical approach	8
E McKillop, Dutton GN	
Hypermetropia in childhood: a review of research findings relating to clinical	15
management	
AR O'Connor	
The spectrum of nystagmus following cerebro-vascular accident	22
FJ Rowe, VIS Group	
Ultraviolet radiation and age-related macular degeneration: the protective benefit of	26
blue-light-blocking intraocular lenses. A literature review	
C Howard, FJ Rowe	
The relationship between ophthalmic deficits and functional ability in low birth weight	32
children	
V Wong, AR O'Connor, D Newsham, PC Knox, D Clark	
Normative percentage score for the field of binocular single vision	39
K Shotton, T Smith, I Corbett, N Strong	
A comparison of the concordance of ophthalmic outcome between low birth weight	42
singletons and twins	
AR O'Connor, AR Fielder	
Diagnostic accuracy of school vision screening	47
CE Stewart, JM Gilchrist, PV McGraw, B Winn	
The effect of coloured paper and lighting on the rate of reading in an adult student	54
population	
K Naylor, AY Firth	
Cerebral malaria and the eyes: development of appropriate testing protocols for children	58
in the developing world	
AR O'Connor, D Newsham, PC Knox	
Convergence accommodation and distance exotropia	63
AY Firth	
Orthoptists providing a cost-effective alternative glaucoma service	64
K Phillips	
Vision screening: a benchmarking audit	65
McNamara R	
A surviving preschool vision screening service	68
M Cross	

BIOJ, Volume 6, 2009

Thoughts from an Editor's diary: a six-year experience	1
S. J. Shea	
Multiple sclerosis: diagnostic issues and modern management	5
S. E. Price	
Screening for amblyopia and strabismus in children aged 4–5 years: where do we go	15
from here?	
J. Carlton, C. Czoski-Murray	
Visual neglect: should we attend to it?	22
T. L. Shipman	
Management of nystagmus by surgery and botulinum toxin options: a review	28
F. Hobson, F. J. Rowe	
Grapheme-colour synaesthesia and the orthoptist	34
M. E. F. Piano, P. C. Knox, A. R. O'Connor	
Ocular motility consequences following lesions of the thalamus: a literature review	40
E. Jones, F. J. Rowe	
A comparative review of methods to record ocular rotations	47
S. Hanif, F. J. Rowe, A. R. O'Connor	
The effect of artificially reduced bilateral visual acuity on vergence adaptation	52
P. S. Bhatt, A. Y. Firth	
Does fixation light intensity influence the results from the Sbisa bar when measuring sensory fusion?	56
S. A. Tate, C. Leach	
Convergence accommodation to convergence (CA/C) ratio: stability with different levels	60
of convergence demand	
K. J. Hirani, A. Y. Firth	
Is the prevalence and level of astigmatism different in indigenous Bangladeshi children	65
compared with first-generation children of Bangladeshi origin born in the United	
Kingdom?	
F. Mangera	
The effect of induced vertical divergence on horizontal fusional amplitudes	71
G. A. Richardson, A. Y. Firth	
Pseudo-strabismus secondary to macular heterotropia: a case report and literature review	75
L. B. Wilkinson	
Prevention of stimulus deprivation amblyopia in children with eyelid capillary	79
haemangioma	
S. Hussain, C. Dewsbery	
Controlled binocular acuity (CBA)	82
A. Y. Firth, H. Davis	

BIOJ, Volume 7, 2010

Editorial	
Amblyopia treatment: do we have enough evidence for a treatment plan? C. E. Stewart	1
Review of amblyopia treatment: Are we overtreating children with amblyopia? M. P. Clarke	3
Review articles	
What does that mean? A review of some aspects of orthoptic terminology M. Piano, A. R. O'Connor and M. G. Stephenson	8
Enhancement of quality of life in progressive supranuclear palsy: a review of clinical practice elements L. Pickett and F. J. Rowe	14
An audit of atropine penalisation as a primary treatment for amblyopia K. Taylor, C. Hudson and K. Merchant	20
Health visitor referrals to secondary vision screening clinic: a 5-year review S. Elliott	27
A comparison of visual outcomes at age 8 years in children detected by pre-school screening with those detected at reception screening C. Y. Buckley and A. M. Perkins	30
Visual screening: a comparison of the Keeler crowded logMAR and Snellen tests N. Ainscough, J. Bates and L. North	37
Stimulus and response AC/A ratios in an orthoptic student population L. C. Gratton and A. Y. Firth	41
A comparison of the effect of 3M Fresnel prisms and Trusetal prism foils on visual function	45
S. H. Cotton and H. J. Griffiths	
The effect of Fresnel prisms on dynamic visual acuity G. Maconachie, H. Griffiths and D. Buckley	49
Influence of bar reader colour and contrast when reading F. J. Rowe and L. Tremarco	54
Comparison of the Plusoptix S04 binocular autorefractor with cycloplegic refraction performed by an ophthalmologist L. M. Gilmartin	59
Contrast sensitivity thresholds in children with autistic spectrum disorder E. Milne and D. Buckley	62
The range of visual acuity using the crowded Kay Picture test and the range of refractive error present in children aged 42–48 months M. Cross, V. Ager and A. Fakis	66
Linear scleroderma 'en coup de sabre' with ptosis and oculomotility disorders: case report and review of the literature C. Taylor, M. Riley and J. Bowyer	72
Dense amblyopia: should we consider encouraging long-term continued refractive correction of the amblyopic eye? A case of getting the balance right J. M. Vardy	77

BIOJ, Volume 8, 2011

Editorial Implementation of research findings in the clinic C. E. Stewart	1
Major review Preterm birth: the ophthalmic consequences A. R. O'Connor	3
Review article Are we doing enough for the patient with myopia? A literature review M. Parker and A. R. O'Connor	10
Original articles Clinicians' perspectives of health-related quality of life (HRQoL) implications of amblyopia: a qualitative study J. Carlton	17
Convergence excess accommodative esotropia: a descriptive review of patients presenting over a period of 10 years	23
T. Garretty The effect of luminance on visual acuity with Fresnel prisms R. Knight and H. J. Griffiths	29
Visual rehabilitation following cerebellar stroke T. L. Shipman and L. A. Hughes	33
Orthoptic assessment and management of patients with stroke in Scotland A. Pollock, C. Hazelton and M. Brady	36
Visuo-motor control in low birth weight children without major ophthalmic or neurologic sequelae	43
A. R. O'Connor, P. C. Knox, D. Newsham, V. Wong and D. Clark Chromostereopsis and stereograms	50
K. L. Summersgill and P. D. Keating Can orthoptically trained personnel carry out pre-school vision screening in the absence of an orthoptist? L. North and G. Menon	54
Case reports Self-correcting amblyopia: case report J. D. Senior and A. R. O'Connor	59
Case report of concomitant intermittent exotropia as a rare presentation in a child with temporal arachnoid cyst	62
Y. H. Yew, A. Loo and V. Subrayan Ocular manifestations as a result of Lyme disease: a case report	66
KA. Moynagh and R. McNamara A presumed case of functional visual loss with eventual diagnosis of Stargardt's disease M. McIndoe	69
Letter to the Editor What is vision screening? And more importantly, what is it not? J. Carlton and R. Auld	71

BIOJ, Volume 9, 2012

Editorial Building research capacity for Orthoptists: opportunities from the National Institute for Health Research (NIHR) C.E. Stewart	1
Major review Why do words jump? An exploration of visually symptomatic readers N. Northway	3
Review articles Anisometropic amblyopia: factors influencing the success or failure of its treatment S.S. Toor, A.M. Horwood, P.M. Riddell Prism adaptation: is this an effective means of rehabilitating neglect? K. Lavery, F.J. Rowe Saccades and the Muller-Lyer illusion: implications for the two-visual-systems	9 17 23
hypothesis D.C. Mackeith, P.C. Knox	
Original articles Twice weekly atropine as a primary treatment for amblyopia: how does this compare to daily atropine?	30
K. Taylor, S. Bryant Normative data for the crowded logMAR Kay's pictures vision test in children	36
T. Saul, K. Taylor Can improving prism fusion range with training also improve stereo-acuity?	44
M. Watson, H. Davis, D. Buckley Comparison of the uniocular field of fixation assessed objectively and subjectively using the Goldmann perimeter. A. Bjerre, L. Baldwin	49
The prevalence of visual problems in stroke patients and the effectiveness of the current screening tool used. Z. Naeem	55
The orthoptic role and experiences in breaking bad news.	59
N. Theodorou Are orthoptic measures robust during exposure to unpleasant environmental noise?	63
S. Vickers, A. Bjerre, D. Buckley	
Case reports Secondary exotropia following H1N1 viral infection (swine influenza).	68
I. Dawson Restoration of binocular single vision following multiple treatments for longstanding bilateral internuclear ophthalmoplegia and unilateral third nerve paresis in Chiari II malformation. G.E. Arblaster, J.P. Burke	70
Myasthenia gravis masquerading as acute sixth nerve paresis following head trauma – or vice versa? A case report. D.E. Eckersley, L. North, J. Gowan	74
Dancing eye syndrome: a case presentation. R.M. Parker, R.S. Edwards	78

Transactions $15^{\rm th}$ European Strabismological Association $1^{\rm st}\text{-3rd}$ September, 1985, Lausanne

A New Method Of Visual Acuity Measurement	1
G Paolo Paliaga	
Optotypes Pour Acuimetrie Visuelle Angulaire Et Morphoscopique	9
J Murube Del Castillo, T Dapena Crespo	
Composants Coticaux Et Reniens Dans L'origine De L'amblyopie Strabique	11
M C Boschi, R Frosini, R Mencucci, A Sodi	
Variation Of Spatial Summation In Photopic Vision For Coloured Targets In	21
Amblyopic Eyes	
F Sucs	
Binocularity In The Amblyopic Syndrome: Binocular Threshold Campimetric Study	29
G P Fava, P Capris, M Fioretto, E Gandolfo	
Occulsion Permanente Prolongee Et Amblyopie A Bascule	37
E Muller Feuga, M L Thiollet, J B Weiss	4.7
Notre Experience Avec Le Traitement De L'amblyopie Par La Methodique	47
Du Reperage-Observation: Evaluation De La Valeur Et De La Limite De Cette	
Technique D. Frankini, M.G. Paraki, A. G. di, D. Marranai,	
R Frosini, M C Boschi, A Sodi, R Menucci	<i></i>
A Translucid Screen For Studying The Position Of The Eyes Under A Unilateral And	55
A Smidlmonn	
A Spielmann Le Test Des Verres De Diffraction (T.V.D) Dans Les Esotropies Primaries	65
A Petit Angle	03
Gian Paolo Gracis	
Variabilite De L'angle Du Strabisme Et Conditions D'examen	73
N Jeanrot	13
Behaviour Of Esodeviations With A Double Angle Of Deviation	83
N M Capobianco	0.5
Retraktions-Syndrome In Drei Generationen	85
F Fodor, M Ilona, A Fodor	
Ein Neuer Typ Des Duane Sundroms: Fehlinnervation Des Ructus Lateralis Durch	93
Sakkadische Rectus-Superior-Nuerone	
G Kommerell	
The Crisis Of Strabology And A Way to Surmount It	95
D Sradj	
Origins Of Congenital Infantile Esotropia	105
E M Helveston, R A Nixon	
Hologram Slides Detecting Suppression For Near Only	115
S Rethy	
Non-Accommodative Convergence Excess	121
G K Von Noorden, C Waters Avilla	
Possible Role Of The Trigeminal Nerve In Egocentric Localization	131
E C Campos, C Chiesi	120
New Method To Determine The Mechanical Properties Of The Orbital Plant Invivo	139
H Helmle, G Mildner, M Bretschneider, W Konen, J Billie	1.47
Hereditary External Ophthalmoplegia. Some Pathological And	147
Pathophysiological Aspects W A Houtman, T W Van Weerden	
Etude Statisque Prospective De La Binocularite Dans Les Microtropies	149
Post-Therapeutiques	142
M A Quere, F Lavenant	
Les Alterations De La Motilite Oculaire Dans L'ophtalmopathie Basedowienne:	151
Etiopathogenie, Manifestations Clinigues, Anatomie, Pathologique	1.01
G Lasorella, C Traversi, A M Bardelli, R Frezzotti, E Polito	
, , , , , , , , , , , , , , , , , , , ,	

Treatment Of Acute Dysthyroid Ophthalmopathy With Botulinum Toxin Injections	153
J P Lee, J S Elston	
Botulinum Toxin Treatment Of Paralytic Strabismus	155
J S Elston, J P Lee	
Intraoperative Continuous Registration Length/Tension Curves Of Attached And	157
Detached Human Eye Muscles And Their Antagonists, Stiffness In Passive Horizontal	
Eye Movement In Awake Volunteers And Analysis With Robinsons Computer Model	
H J Simonsz, G Kolling, H Kaufmann, J Maier, M Schooneman	
Extensive Surgery For The Correction Of Large Angle A-V Patterns	167
A Castanera De Molina	
Indications Of Use Of Anchoring Suture In Strabismus Surgery	177
B Jovicevic, N Srbinovic	
Dis Ands D'operation Du Fil De Cuppers	183
A Roth, M Montard	
A Calculating Model For Estimating The Effects Of Retinal Detachment	185
Surgery On Ocular Otility	
W Konen, K Mueller, W Ruessmann	
Presbytie Et Convergence	195
L J Mawas	
Sensory Adaptions Of The Brain To Squint Infants	197
S Rethy	

Transactions $16^{\rm th}$ European Strabismological Association September 1987, Giessen

Passive Limitation Of Adduction After "Cuppers Procedure"	55
G P Paliaga	
Results Of Bi-Medial Posterior Fixation (Modified Cuppers Procedure) After 8 Years	61
W De Decker, D Freidrich, J Baenge	
A Muscle Belt For Convergence Excess	71
W Schroeder	
Saccadic Velocity Pre And Post Medial Rectus Cuppers Procedure	75
E Schulz, R Wrosch	
Congenital Esotropia	81
E M Helveston	
Horizontal And Vertical Strabismus: Contemporaneous Surgery On Six Muscles	89
P Aurilia, A Magli, E Chiosi	o -
Results Of Surgery In Essential Infantile Esotropia	95
G K Von Noorden, C W Avilla	101
Morphological Aspects Of Length-Tension Diagrams Of Extra-Ocular Muscles In	101
Strabismus Patients. An Attempt For Clinicopathologic Correlation	
A M Castanera, L Giner, A Serra	100
Lateral Incomitance Induced By Monolateral Recess-Resect-Surgery For	109
Intermittent Exodeviations	
A Kirsch, W Russmann Computerized Analysis Of Oculomotor Disorders Before And After Surgery	115
	115
R Fosini, L Campa Computer Determined Measurements Of Squint Angles	123
R Effert, S Leutzbach, S Wolf, M Reim, G Rau	123
The Length-Tension Diagrams Of Oblique Muscles In Strabismus	129
Sursoadductorius And Trochlear Palsy	129
H J Simonsz, G H Kolling, H Kaufmann, B Van Dijk	
25 Years Experience In Oblique Muscle Surgery	137
K M Krzystkowa, E Wojcik	137
Unilateral Weakening Of Oblique Inferior Muscle: Delayed Effects	143
E Leonardi, L Pannarale, L Fornasin, A Leonardi	1 10
A New Surgical Technique For Inferior Onlique Weakening: Evaluation Of The First	153
Results Obtained	100
G Salvi, M C Boschi, M Scrivanti	
One Step Surgical Approach For Monolateral Superior Oblique Deficit	161
E C Campos, C Chiesi, C Schiavi, R Codeluppi	
Superior Oblique Paralysis: Surgical Conditions And Long Term Results	167
E Chiosi, A Magli, L Bombace, M Di Muccio	
Operations On Both Oblique Muscles Of The Palsied Eye In Cases Of Acquired	173
Unilateral Trochlear Palsy	
G H Kolling, H Kaufmann	
Squint Operations After Primarily Performed Total Or Partial Tentomies Years Before	181
Years Before	
W Aust	
Adjustable Strabismus Surgery	195
G Lasorella	
Applied Structural Surgery	205
A Stein, N Sradj	
Strabismus Surgery Under Topical Anesthesia: A Review Of 167 Consecutive Cases	211
J B Weiss	
Surgical Treatment Of Intermittent Exodeviations	215
W Russmann, S Eithof, B Sandor	

Transactions 17th European Strabismolobical Association 21-22, 1988, Maius

Enbryonic Development Of De Nucleus

M D Cortes Rodrigo, J Murube Del Castillo

The Amount Of Angle Alpha In A Normal Population

R Effert, S Gruppe

Premilinary Results Of A National Wide Ambliopia Screening

I Garcia-Ormaechea, S Guilli Maluquer, J De Blas, R Arcon

Screening For Ocular Vision Defects Among Swedish Small Children

G Ladenvall

Detection Of Early Amblyopis By Preferential Looking

K P Boergen Th Kau, E Zenner, E Hainzlmaier

Stereopsis

J Lang

Acuite Visuelle Et Auite Stereoscopique

I Garcia-Ormaechea, T Dapena

Weakness Of Anti-Diplopic Mechanisms Favours Postoperative Diplopia

E C Campos, G M Cavallini, R Codeluppi

Recording Eye Movements During Immobilization Of One Eye

R Bolzani, C Cipolly, E C Campos

Le Choc Propriocepteur Dans L'amblyopie Strabique

P H Verin, P Comte, D Fritsch

Fusion-Visual Information And Proprioceptivity

O Alves De Silva, A Mendes, F Pinhal, H Martins De Cunha

Eye Muscle Forces Measurement

B Bagolini, A Dickmann, R Fideli, R Bolzani, F Focosi

Aumento De Las Forias En Las Operadores De Ordenadores

V Boigues, V Vias Fontanels, R Pascual

Muscle Adaption Precesses In Horizontal Strabismus

A M Castanera, M L Giner Munoz, A Serra Castenara

Coordinate Differentialentre Microtropies, Esotropies Y Amblyopie Anisemetropiques

G P Grecis, M Coffano, P Rocci

Ocular Motility Disturbances In Patients With Meningomyelocele

G Lennerstrand, J Gallo

A Prospective Study On Strabismic

J Lithander, M Abrahamsson, J Strosstrand

Casual Research By Prevention Of Early Onset Esotropia

S Rethy

Resultados En El Tratamiento De Al Fijacion Exentrica

J Garcia De Oteyza, D Fernandez Agrafojo, E Cardozo, V Alvarez, M C Perosans

An Alternative Management Of Browns Syndrome

R Trimble

Botulinum Toxic Injections Into Extraocular Muscles

K M Krzystkowa, A Madrokiewicz, R Szpytma

Botulin Toxin In Squint

L P Lee, J S Elston

Chorioretinal Scarring Follwing The Faden Procedure

C J Lyons, A Macintyre, P Fells, J Lee

Fixed versus Adjustable Sutures

P Fells, B Mccarry

Kinetic Performances And diagnosis De Blockage

M A Quere, F Lavenent

Una Alternative A La Miotomia Marginal

F Gaalindez, C Riaza, J Garcia, I Fernandez, R Rodrigo

Histological And Histoenzimatic Teatures

A Megli, P De Rosa, S Montagnani

Surgical Treatment Of Intermittent Exotropia

J Coimbra De Matos, J Breda, J Borges, J Castro Correira

Our Failures In Intermittent Exotropia Surgery

FJ Munoz, Negrete, R Gomez De Liano, J M Rodriguez

Results Of Fildosagittalizzazione

M C Boschi, M Scrivanti, C R Mastellone

Myectomy And Denervation in Severe Inferior Oblique Overaction

R Gomez De Liano, J M Rodriguez Sanchez, P Gomez De

Superior Oblique Underaction

G Lasorella

Bilateral Consecutive Superior Oblique Following

Cj Lyons, J P Lee

A Estaistical Survey Of Muscular Trasnporsition

A Magli, E Chiosi, M Di Mauccio, I Giardino, P De Rose

Analysis Of Oblique Muscle

H J Sinonsz, G H Kolling, B Van Dijk

Surgical Treatment Of Orbital Floor Fractures

J Esser, C Mohr, D Schettler, H Hunz

Paly And Perlesia

J Murube Del Castillo

Transactions of 18^{th} European Strabismological Association 1989, Krakow

Intermittent Eyelid Closure in Strabismus	23
R E Wiggins, G K Van Noorden	
A New Classification Of Superior Oblique Palsy	25
E M Helveston	
The Dissociate Deviations In Infantile Strabismus	33
A Speilmann	20
Manifest Latent Nystagmus And Third Nerve Congenital Palsy	39
F Lods, C Ghenassia, F Lalvee, J E Guez	
Partial Oculomotor Palsy: A New Surgical Procedure	45
H Kaufmann	
Early Surgery In Fibrosis Syndrome	55
K P Boergen	<i>c</i> 1
Surgical Treatment Of Accommodative Esotropia	61
P V Berard, P V Berard Jr, D Fonta-Jourdan	71
Dependence Of Results In Operations On Straight And Oblique Muscles Of	71
Eyeball In The Mode Of Their Incision T. Cooper Programme F. Tologram Sominaka, P. Adamak, K. Mazalawaka	
T Goerge-Branowska, E Tokarz-Sawinska, B Ademek, K Mozolewska,	
L Puchalska-Niedbal	07
Adjustable Sutures In Strabismus Surgery T Tischner	87
Our Experience With Full Muscle Transposition Procedure	93
G Lasorella	93
Anterior Segment Ischemia Of The Eye	97
C Papadedes	91
Early Postoperative Hydrodynamic Disturbances Of The Eye After The	103
Strabismus Surgery	100
D Korzycka	
Differentail Light Sensitivity In Strabismus Amblyopia	109
V Herzau, A Dresel, C Girrbach	10)
Increase In Visual Evoked Responses Latency In Essential Infantile Esotropia	115
E C Campos, R Bolzani, K Petropulakos, M F Bertolani, R Gulli, C Schiavi	
PL And VEP Measurements Of Normal And Disturned Visual Development	123
T Kau, K P Lorenz	
Clinical Experience With Preferential Looking Techniques	127
A Rydberg	
Strabismus And Refractive Errors In Prematurely Born Children	133
A Population Based Study	
J E Gallo, G Lennerstrand	
On The Effectiveness Of The Amblyopia Treatment In Children	139
R Weidlich	
Predictive Value Of The Langs Stereo-Test In Anisometric Amblyopia	145
R Frosini, L Campa, PF Gangemi	
The Effect Of Prolonged Monocular Occlusion On Latent Nystagmus In The	151
Treatment Of Amblyopia	
HJ Simonsz, G Kommerell	
Interest Of Dazzling-Test In The Diagnosis	157
N Jeanrot, L Bezait, C Labro	
Monocular OKN Diagnositic Test In Children	163
M Bourron-Madignier	
Accommodative Problems In Cases Of Exophoria	173
B Neikter	. =
Fixation-Choice Test Completes Cover-Test In Baby	179
S Rethy	

The Dynamic Of Eye Change In Different Stages Of Graves Disease	185
B Mirkiewicz-Sieradzka	
Increased Muscle Tension And Reduced Elasticity Of Affected Muscle, Squint And	193
Restriction Of Ocular Motility In Recent-Onset Graves Disease Are Caused By Active	
Muscle Contraction	
H J Simonsz, G Kommerell	
Radiotherapy Or Surgery For Orbital Decompresssionin Dysthyroid Eye Disease?	201
P Fells, P Rosen, B Pickard, N Plowman	
Botulinum Toxin Therapy In Dysthyroid Eye Disease	205
J P Lee, C Lyons, S Vickers	
The Results Of Surgical Therapy Of Muscle Disorders In Endocrine Ophthalmopathy	211
W Andrejewska, E Tokarz-Sawinska, D Przerwa, Z Krzystolik, K Pilarska	
CT Scanning And MRI In Ocular Motility Disorder	223
J Lang	
Diagnosite Ultrasound In Disturbances Of Ocular Motility	229
E Schwarz, J Thieme	
Nemalin Myopathy – A Case Report	235
G Ladenvall	200
Oculomotor Problems In Craniofacial Dysostosis	243
J W Walker, J Russell-Eggitt, D Taylor	2.13
A Retrospective Analysis Of The Surgical Treatment Of Pure Orbital Florr Fractures	257
M H Miller, D H Jonathan, J Bernstein, B Pickard, J P Lee, P Fells	23 /
Complex Zygomatic-Maxillary Fracture In The Materials Of The Department	262
Of Maxillo-Facial Surgery At The Institute Or Surgery Of Military Medical Academy	202
In Lodz Poland	
K Najwer, M Swider, A Stepniak-Gozdziewicz	
Eye-Movement Disturbances In Isolated Orbital Floor Fractures	265
A Zamlynska, H Wanyura, J Piekarczyk, D Samolczyk	203
The Post-Traumatic Superior Orbital Syndrome. Review Of 14 Cases	271
S B Bartkowski, K M Krzystkowa, A Kubatko-Zielinska, J Zapala	2/1
Management Of Depressor Paresis Following Orbital Trauma	277
J Lipton, B Page, J P Lee	211
	207
Hydroxylapatite For The Correction Of The Traumatically Enlarged Boney Orbit	287
W De Decker, Th Lambrecht Transcentive 1 A manage h. To Betrahulhen Tunnens	202
Transconjunctival Approach To Retrobulbar Tumors	293
G Kommerell	207
Results Of Intra-Orbital Processes Operated By Fronto-Basal Osteoplastic Orbitomy	297
H Muhlendyck, E Marakakis	202
Topographical Anatomy Of Orbital And Optic Nerve Tumors	303
W Janicki, W Daniel, Z Krzystolik, S Kowalik	200
The Diagnostic Of Orbital Tumors	309
J Skladzien, J Turek	
Reconstruction Of The Orbit In Recklinghausen Disease	315
T Kruszczynski, W Kokot, P Lipowski	
The Function Of The Eye After Orbital Operations- Long Term Observations	319
A Stankiewicz, A Bakunowicz-Lazarczyk, J Grochowksi, P Sobolewski	
Surgical Treatment Of Ptosis By Brow-Suspention By Means Of Sceral Slips	325
L Yankov	

Transactions $19^{\rm th}$ European Strabismological Association June 1991, Crete

Effect Of Maximum Inferior Oblique Surgery In Unilateral Strabismus	11
Sursoadductorius K P Boegen, C Muller	
Elevation In Adduction: No To A Systematic Weakening Of The Inferior	17
Oblique Muscle	1 /
A Spielmann,	
Superior Oblique Tucks: A Five Year Retrospective Review	23
A R Evans, J Lee, P Fells	23
Results Of Oblique Muscle Surgery	29
H Kaufmann	
Diagnosis And Management Of The Superior Oblique Underaction	35
N Ikonomopulos, E Iliakis, A Damanakis, E Panagiotidou	33
An Expert System For Surgical Indications In Infantile Esotropia	43
R Frosini, L Campa, G L Gavazzi	13
Binocular Vision Obtained On 450 Cases Of Congenital Esotropia Operated At The	49
Age Of About 2 Years	17
E Chimonidou, K Chatzitefanou	
Development Esotropia – New Surgical Technique	55
C Papadedes	33
Infantile Esotropia – Large Bimedial Rectus Recessions Versus Bimedial Posterior	59
Fixation With Additional Rectus Recessions	3)
M Spiritus	
Four Muscle Surgery For The Treatment Of V-Esotropia	65
K Psilas, J Asproudis	00
Six Years Of Experience With Structural Dissociated Surgery In Strabology	71
A Stein, N Sradj	, 1
Adjustable Strabismus Surgery: Is There A Drift In The Angle Preadjustment?	77
A Evans, B Mccarry, C Macewan, J Lee	,,
Botulinum Toxin In The Treatment Of Acute Surgical Overcorrections	83
S Hague, J Lee, K Cooper	0.5
Intermittent Distance-Type Exotropia: Surgical Results	89
C J Lyons, J MM Lawson, B Mccarry, P Fells	0,
Two Types Of Surgical Treatment In Exotropia	95
W Lange, T Schmidt, S Spiel, B Merl	,,
Excessive Lateral Rectus Muscle Recession In The Treatment Of Intermittent Exotropia	101
D Feretis, A Kordouli, A Trivlis, J Koliopoulos	101
Changes In Ocular Motility Following Radiotherapy For Dysthyroid Eye Disease	107
J MM Lawson, P H Rosen, B Mccarry, L Kousoulides, S Lightman, N Plowman,	107
P Fells	
Experiences With Recess/Resect Procedures On Horizontal And Vertical Rectus	113
Muscles In The Treatment Of Graves Ophthalmopathy	110
Colling GH	
Treatment Of Strabismus After Retinal Detachment Surgery With	119
Botulinum Neurotoxin A	11/
Lee J, Page B, Lipton J	
Extraocular Muscle Complications In Retinal Detachment Surgery	125
G Klainguti, A Castella, J Chamero, M Gonvers	125
The Surgical Treatment Of Traumatic Browns Syndrome	131
G W Aylward, J Lawson, B Mccarry, J Lee, P Fells	101
Duane's Syndrome With Vertical Restriction	137
M Marcus, B Beidner, E Ronen, Y Yassur	137
Muscle Splitting In The Surgery Of Strabismus	141
B Bagolino, A Dickmann, G Savino, R Bolzani	

Botulinum Toxin In Partially Recovered VIth Nerve Palsy	147
P Eva-Riordan, J P Lee Botulinum Toxin In Unrecovered Vith Nerve Palsy	153
P Eva-Riodan, J P Lee	133
Anchoring And Adjustable Sutures: A Combined Surgical Approach In Restrictive	159
Strabismus	
G Lasorella	
Diagnostic And Therapeutic Aspects Of Anomalous Head Postures (AHP) K M Krzystkowa, A Kubatko-Zielinska	163
Abnormal Retraction Syndrome Due To Persistent Retractor Bulbi	169
H Muhlendyck, E Marakakis, A T Helwig	10)
Case Of Internal Pterygium After Strabismus Surgery	175
E Chimonidou, D Anreanos, K Chatzistefanou	
The Use Of Sectors In Partial Occlusion	181
G Horovitz	
Sector Occlusion: Does It Have A Role?	189
A Spielmann	
The Role Of Sector Occlusion In The Treatment Of Congenital Esotropia	195
R Frosini, L Campa	
Comments On Sectors	199
E Campos	
Rount Table:	201
P Fells, E Campos, R Frosini, G Horovitz, A Spielmann	
Bilaterally Pseudoparalytic Squints Treated By Means Of Prisms	211
T George-Branowska, W Andrzejewska	217
Sectors Treatment Of Paralytic Strabismus	217
M C Boschi, A Sodi, P Grasso Cannizzo, E Castellani	222
Data Processing Of The Strabologic Chart: Accuracy And Logic F Lods	223
	229
The Abducens Oculomotor Relaxation Field – The Interest Of Its Management O Alves De Silva	229
Longitudinal Studies Of Visual Development In Infants Under Occlusion	233
Th Kau, C Kau, K P Boergen	233
Progressive-Addition Lenses In The Treatment Of Accommodative Escot With	239
High AC-A Ratio	237
A Castanerade Molina	
Disparity Vergence And Strabismus	245
W A Houtman	2.0
Binocular Vertical Sensory Adaptions In Essential Infantile Esotropia	251
E C Campos, C Schiavi, R Bolzani	
Surgical Procedure Based On The Velocity Of Saccades In Esotropias	257
M Madignier-Bourron	
Discordancy And Monozygosity In Squinting Twins	263
B Devries, W A Houtman	
Manifest Strabismus In An Unselected Population Of Swedish Children	269
Longitudinally Followed From 1 To 6 Years	
J Sjostrandm M Abrahamsson	
The Efficiency Of Pediatrics In The Detection Of Strabismus And Amblyopia	275
B Biedner, M Marcus, E Ronen, Y Yassur	
Visual Acuity Maturation Is Negatively Affected By Alternating Essential	281
Infantile Esotropia	
Physiological Uniocular Localisation Versus Amblyopic Localisation	285
W Hasse, B Nisch	201
Simple And Mixed Types Of Amblyopia	291
C P Rougas, A G Amariotakis, N J Oekonomou	207
Preventions Of Extraoveolar Fixation Formation In Infants	297

T George-Branowska, J Litwinska, M Danieyko-Osman	
Congenital Nystagmus And Chaos Theory	303
I M Strachan	
Interest Of Modelisation Of The Two Optokinetic Pathways In The Study Of	307
Congenital Strabismus And Latent Nystagmus (Poster)	
Ci Sppeg-Schatz, K Foughali-Atti, Ch M Kopp, J Flament	

Transactions of 20^{th} European Strabismological Association May 1992, Brussels

Force Development And Velocity Of Horizontal Saccadic Eye Movements	15
In Exotropia	
G Lennerstrand, T Suna	
What Causes Up And Downshoot In Adduction?	23
A Liesch, B Torok, H J Simonsz	
The Range Of Muscles Stretching In Strabismus Re-Operations	29
(Esotropia Relapses And Consecutive Exotropia)	
M A Quere, S Toucas S, F Lavenant, P Bouchut	
In Esotropia, Is The Elongation Test Of The Horizontal Recti Foreseeable?	35
A Perchereau	
Phenomena Of Oculocardiac Reflex During Strabismus Surgery	43
H Muhlendyck, U Braun	
Muscular Fibrosis Following Posterior Fixation Suture Of Superior	49
Rectus Muscle In Rabbits: Role Of Degenerated Myofibrils	
Y B Roy, B S Oum, S H Lee, S Awaya	
Ultrastructure Of Extraocular Muscles In Strabismus	55
L Domenici-Lombardi, R Menucci, M Corsi, M Scrivanti,	
MS Faussone Pellegrine	
The Value Of High Quality Electromygraphic Monitoring For	61
Botulinum Toxin Therapy	
J Pater, J Lee, C Hogg	
Management Of Symptomatic Latent Nystagmus	71
C Lui, M Gretsy, J Lee	
Pseudo-Latent Nystagmus: Congenital Nystagmus With Exphoria	77
A Spielmann, A C Spielmann	0.2
Association Of Visual Impairment And Strabismus With Lesions Of	83
The Pre-Term Brain	
G Holmstom, J Pennock, K Drew, P Sonksen, L Dubowitz	105
Nasotemporal Asymmetry Of The Differential Light Threshold In	107
Strabismic Amblyopia	
V Herzau, C Girrbach, A Roth	113
A Model For Suppression In Amblyopia R A Harrad, R F Hess	113
Comparison Of Two Contrast Sensitivity Tests During Amblyopia Treatment	119
P U Koskela	115
Further Analysis Of Monocular Eye Closure In Intermittent Exotropia	123
E C Campos, C Cipolli, D Ferraretti, C Schiavi	123
How Accurate Is Examination At Age One? Pilot Study Of The Early Vs Late	127
Strabismus Surgery Study Group	12/
H J Simonsz	
Factors Influencing Grating Acuity Results In Preverbal Children	133
E Schulz, J Zimmermann, C Damms	130
A New Vision Tester For Children	137
Y H Jin, B L Chang	137
New Device For Evaluation Of Ocular-Motor Deviation	143
J Y Guessant, C Joly, P Debruyne, J F Rouland, J C Hache, G Constantinides	1 10
The Influence Of The Refractive Error On The Development Of	149
Amblyopia In Untreated Infantile Esotropia	117
C Calcutt, A Murray, S Young	
Refractive And Sensorial Follow-Up In Fully Accommodative Refractive Esotropia	155
J Breda, A Magalhaes, J Castro-Correia	
A New Approach To Esotropia With Variable Angle	161
· · · · · · · · · · · · · · · · · · ·	

M Van Lammeren, R Apers, L De Clippeleir, L Van Eckhoutte, H Janssen Surgery Of Fully Accommodtive Esotropia: Treatment Alternative Or Imposture? M Deller	167
Binocular Function And Vertical Deviations In Infantile Esotropia Following Early	173
Surgery	
S B Ozkan, M Orhan, A S Sanac, S Duman Botulinum Toxin In Essential Infantile Esotropia And In Late Normosensorial Langs Strabismus	179
C Schiavi, P Beneditti, E C Campos Analysis Of The Torsion Seen In Early Onset Strabismus V Paris	183
Results Of Retroequatorial Myopexia In Esotropia	189
A Sansonetti, A Roth, L Delarue, F Huguenin, A Ben Ayed Acute Comitant Strabismus And Esophoria	195
M Bourron-Madignier Early Onset Exotropia	203
D Post-Wittebol	203
Exotropia Before One Year: Clinical Charachteristics And Evolution	207
F Lods, C Gramet, F Imbert	
Effect Of The Checkerboard Pattern Stimulator On Motor And Sensory Fusion S Awaya, T Yagasaki, Y Inagaki, T Hirai	213
Functional Prisim Adaption In Patients With Intermittent Exotropia E Danheim-De Decker, G Schwerdtfeger, D Verlohr	217
The Effect Of Surgical Alignment On Stereo-Acuity In Constant Exotropia And Intermittent Distance Exotropia	223
P E Waddingham	
Two Therapeutic Concepts In The Intermittent Divergent Squint W Lange, W De Decker	229
Risk Factor For The Spontaneous Consecutive Exotropia	235
E Ch Schwarz Acquired Globe Retraction	241
J S Elson, C M Moorman	241
Bilateral Congenital Vertical Gaze Disorders: Congenital Muscle Fibrosis Or Congenital Central Nervous Abnormality? AA Assaf	249
Disinsertion And Recession Of The Inferior Oblique Muscle	255
T Matthes, B C K Patel, J P Lee, P Fells	
Unilateral Tucking And Advancement Of The Interior Oblique Case Report	261
A Lainck, W Forster, H Markodimitrakis, H Busse Surgery In Duane's Retraction Syndrome – Methods And Results	267
K M Krzystkowa, A Kubathko-Ziellinska	207
Surgical Treatment In Brown's Syndrome	273
M H Gobin, A Putteman, C V Gobin, L Bassime	
How To Intergrate Botulinum In The Treatment Of NVI Palsy	279
R Apers, L De Clippeleir, L Van Eeckhoute, M Van Lammeren, H Janssens Tendon Lengthening Procedure In Ocular Motility Disorders Secondary To	285
Graves Ophthalmopathy	200
M Nardi, L Bartalena, C Marcocci, M P Bartolomei, A Pinchera, L Barca	
Prevention Of Anterior Segment Ischaemia	291
L Kowal, M Troski	
Changes In Anterior Segment Circulation Following Vertical Rectus Muscle	295
Surgery In Adult Patients J M Olver, J P Lee	
Cycloplegic Refraction In Children: Single Dose Atropinization Vs 3 Day	301
Atropinization	
G Auffarth, W Hunold	

A Study By Means Of The Fourier Analysis Of The Smooth Pursuit Movements	305
In Normal And Esotropic Children	
M C Boschi, A Sodi, E Castellani, F Moroni	
Structural Changes Of Exraocular And Orbicularis Oculi Muscles Treated	309
With Botulinum Toxin In Man	
S Brogelli, G Alfieri, S Maurri	
Treatment Of Non-Accommodative Fixation-Linked Esotropia	313
L De Clippeleir, R Apers, L Van Eeckhoutte, M Van Lammeren	
Bi – Medial Rectus Muscle Resection For Intermittent Exotropia	317
W De Decker	
Plurifocal Correction : A Tool Dianosis And Treatment In Convergence Excess	321
R Frosini, L Campa, S Frosini	
The Binocular Cyclometer	325
G P Gracis	
Retrospective Study Of Childrens Response To The Biprismic Test	329
G P Gracis	222
Congenital Syndrome Of Oculomotor Disturbances: Mulitdisciplinary Diagnosis	333
And Results Of Surgical Treatment	
A Kubatko-Zielinska, K M Kryzstkowa	
Early Visual Screening At Age 0, 9, 18, 30 Months With The VOV Method	339
Instruction Of The Method By Orthoptists To All Community Doctors In The	
Netherlands.	2.42
Hang-Back Recession	342
J B Lee, C Y Kim, H B Kim	2.47
O C E Orthoptistes De Al Communaute Europeene	347
M Louly, J Clayton, A Van Mourik-Noordenbos	251
The Clinical And Electromyographic Findings In Two Cases Of	351
Wildervanks Syndrome T.D. Motthews, J.D.L.	
T D Matthews, J P Lee Pick Of Postonerative Diplomic? Testing With Potulinum Towin	355
Risk Of Postoperative Diplopia? Testing With Botulinum Toxin	333
Z Nussgens, P Roggenkamper Botulinum Toxin Therapy In Amblyopic And. Or Previously Operated Patients	357
M Orhan, S B Ozkan, A S Sanac	337
The Results Of Faden Operation In Congenital Nytagmus	361
Dampening By Convergence	301
A S Sanac, S B Ozkan, M Orhan	
Adhesion Molecules In The Immunopathogenesis Of Thyroid-Associated	365
Ophthalmology	303
A Pappa, P Fells, S Lightman	
Post –Operative Evolution After Sesoriomotor Balance From Exophoric	367
Tropia To An Exotropia	307
R Pagassou-Albouy, J Gracia De Oteyza	373
C Schiavi, K Petropulakis, E C Campos	313
Character Differences Between Patients With Exophoria, Decompensated	377
Exophoria And Intermittent Exotropia	311
B Schmal, H J Simonsz	
Force Development And Velocity Of Horizontal And Vertical Saccadic Eye	379
Movement In Non-Strabismic Subjects	2.7
T Suna, G Lennerstrand	

Transactions 21^{st} European Strabismological Association 1993, Salzburg

Evaluation of the Ammann-Test in the clinical routine	15
Herzau V, Girrbach C, Roth A	
Structural-hemipsheric thery of eye movements and its confirmation by dynamic orbital	21
magnetic resonance imaging	
Sradj N, Cabanis EA	
Saccadic muscle pulse in absence of fixation target	27
Dickmann A, diNicola D, Savino G, Bolzani R	
Early postoperative force generation tests	33
Strachan I, Burke J	
Optokinetic nystagmus, stereoscopy and early onset strabismus in the first year of	39
preterm infsnts	
Frosini R, Campa L, Frosini S	
Is there a cause effect relationship between suppression and amblyopia in strabismus?	45
Schiavi C, Benedetti P, Scorolli L, Campos EC	
Amblyopia ex ametropia: how severe is it? Can we prevent it?	51
Papadedes C, Rougas C, Alexakis J	
Stereopsis in patients with traumatic aphakia with special reference to the Pulfrich	57
phenomenon	
de Decker W, Nicolai U, Thielert U	
Congenital strabismus syndrome – long-term results of conservative and surgical	63
treatment	
Salomon A, Strangler-Zuschrott E	
Laminotomia; an anti-contracture strabismus operation	67
Molnar K	
On the efficiency of the 'anti-contracture' operation based on the surgical results of 1462	73
esotrop patients in Budapest and Szeged	
Deak A, Fodor M, Molnar K	
Elevation in adduction in infantile esotropia: a challenging clinical sign	79
Spiritus M, van den Broeck M, Kallay Jr O, Jean D	
Symptomatic DVD presenting after childhood	85
Doran RML, Luck J	
Non surgical treatment of dissociated vertical deviation: preliminary results	91
Reich-D'Almeida F, Reich-D'Almeida I	
Anterior tendon displacement of the inferior oblique muscle for dissociated vertical	97
deviation – effectiveness and long-term stability	
Burke J, Scott W, Kutschke P	
Management of orbital fractures. Round table discussion	103
Thaller-Antlanger H, Fells P, Krenkel Ch, Krystkowa K, Muhlendyck H	
Genetic aspects of strabismus in twins investigated with DNA-typing or twin zygosity	129
Fluelar U, Hass H, Weiler G, Russmann W, Kaufmann H	
The dynamic head tilt test and the concept of a supranuclear trochlear palsy	135
Kommerell G	
Deficiencies of the fixation system, especially the syndrome of children with strabismus,	139
cerebral palsy and epilepsia	
Lang J, Flueler U	
Down's syndrome – methods of assessment	145
Charnock A	
Duane's retraction syndrome: clinical observations in 44 patients	151
Breda J, Magalhaes A	
The results of magnetic resonance imaging in Duane's retraction syndrome	157
Ozkan S, Aribal E, Orhan M, Sanac A, Duman S	
Incomplete external ophthalmoplegia and infantile myasthenia	163
Kaiser H, Thaller-Antlanger H, Wenger E	

Transposition procedures versus recession-resection procedures: surgical results in 121 cases of NVI palsy Kaufman H, Gebauer H	169
Association of fixed suspensions of the capsulo-palpebral head of the inferior rectus with semi-adjustable recession of the inferior rectus muscle to minimise recession complication Spielmann A, Spielmann AC	
Operative dosages and retroequatorial myopexia	181
Sansonetti A, Roth A, Delarue L, Huguenin F, Ben-Ayed A Effects of strabismus surgery on corneal topography Nardi M, Pellegrine G, Bartolomei MP, Gremigni E, Lepri A, Barca L	187
Abnormal stretching of the ipsilateral superior rectus muscle in congenital superior oblique palsy	193
Quere MA, Pechereau A, Remy Ch, Bouchut P The advantage of topical anaesthesia in complicated cases for strabismus surgery	199
Putteman A, Deconinck H, Beckers S, Bassim L	
Squint operation under topical anaesthesia in endocrine orbitopathy: a 15-year experience	205
Boergen KP	
Posttraumatic diplopia – diagnosis, treatment and results in patients with blow-out fracture of the orbit	211
Kubatko-Zielinska A, Kryzstkowa K, Bartkowski S, Zapala J	
Blow-out fractures: a study of long-term morbidity of patients with and without surgical	217
treatment	
Kousoulides L, Fells P, Lee JP, Hague S, Aylward GW Results of a prospective randomised trial of botulinum toxin therapy in acute unilateral	223
sixth nerve palsy	443
Lee JP, Harris S, Cooper K, MacEven C, Jones S, Cohen J	
Botulinum toxin in the management of acquired nystagmus and oscillopsia	229
Ruben S, Lee JP, Elston J	
Sudden onset concomitant esotropia	235
Timms C, Gregson RMC, Lee JP, Taylor D	
Natural history of exodeviation	241
Nakagawa T, Kii T Preoperative prismatic treatment in esotropic children. A comparative study	247
Zehetmayer M, Stangler-Zuschrott E, Schemper M	241
Changes of AC/A; ratio resulting from surgical correction of accommodative esotropia	253
Vercher JL, Semmlow JL, Putteman A, Gauthier GM, Berard PV	200
Convergent strabismus fixus	259
Maruo T, Kubota N, Iwashige H	
Progressive additional lenses in accommodative esotropia with high AC/A ratio	265
Acar B, Kahvecioglu C, Talu H, Kevser A, Yilmaz F	271
Role of the inferior oblique in the early onset strabismus Paris V	271
Distance stereoscopic vision and suppression in intermittent exotropias	277
Lods F, Lalvee F	
Analysis of retinal rivalry in normals and in esotropia patients with anomalous retinal	283
correspondence	
Bolzani R, Piaggi S, Campos EC	•••
Screening for microtropia in infants and toddlers with digital Purkinje I-IV reflection	287
pattern evaluation: experience with a novel computer system Barry JC, Effert R, Kaupp A, Meyer-Ebrecht D, Dkopnik H, Simon F, Sommer B,	
Uberhofen S, Reim M	
Squint surgery in multi-handicapped children with an impaired visual perception	293
Radner W, Priglinger S	
Vertical saccadic velocity and force development in superior oblique palsy	297
Lennerstrand G, Tian S	

Dynamics of saccades in strabismus and amblyopia	303
de Faber J, van Rijn L, Collewijn H	
The new biocyclometer	309
Gracis G, Fiore D	
Contrast sensitivity in amblyopia: a comparison between different contrast sensitivity	315
tests for the detection of amblyopia	
Han Y, Rydberg A, Lennerstrand G	
A new polarized screening method	321
Fea A, Piccoli M, Basso A, Musso M, Vitale Brovarone F	
A new ophthalmoscopic lens for measuring ocular torsion	327
de Ancon E, Klainguti G	
Echobiometric and refractive evolution of fixating and amblyopic eye	333
Burtolo C, Polizzi A, Fava GP, Fioretto M	
The influence of axial length of the globe on the effect of strabismus surgery	339
Krzizok Th, Graf M, Kaufmann H	
Corneal astigmatism and strabismus surgery	345
Barca da Costa M, Pinto P, Paulo J, Faria C, Pereira C	
Fundus findings following Faden operation	351
Ozkan S, Eldem B, Orhan M, Ozdemir , Sanec A	
Biopsy interpretation problems in extraocular eye muscles	355
Muhlendyck H	
Glycosaminoglycans in the pathogenesis of thyroid-associated ophthalmopathy	359
Pappa A, Fells P, Lightman S	
Localisation technique for inferior oblique recessions	365
Windmann A, Kaufmann H, Krzizok Th	
Simulated superior oblique tendon sheath syndrome following orbital floor fracture	369
Mayer W, Baldissera I, Puelacher W	
Vertical shifting operations in patients with congenital nystagmus and vertical torticollis	375
Jarzebinsky-Vecerova M, Happe W, Muhlendyck H	
Apparently successful early surgery for head tilt in a patient with Duane's syndrome	381
Schulz E	
Incidence and management of strabismus after orbital decompression for disfiguring	387
exophthalmos in thyrid orbitopathy	
Lyons C, Rootman J	201
Uniocular fields of fixation in thyroid eye disease	391
McCarry B, Kousoulides L, Aylward GW, Lawson JMM, Potts M, Fells P	20-
Traction sutures in the management of fixed divergent strabismus	397
Gregson RMC, Lee JP	404
Botulinum toxin and surgery in paralytic strabismus	401
Brogelli S, Alfieri G, Barontini F, Campana G, Frosini R, Maurri S	407
The role of botulinum toxin in the management of superior oblique palsy	407
O'Neil D, Gregson R, Hakin K, Lee JP	

Transactions 22^{nd} European Strabismological Association 1995, Cambridge UK

Family history Of Strabismus And A Risk Indicator For Selective Screening	17
J Sjostrand, M Abrahamsson	22
Strabismus In Children Born Before 32 Weeks Gestation	23
PM Clarke, MP Strong, NP Cornell, DG Fritz, S Tion, Patient Information And Education In Strabismus And	29
	29
Ambylopia Using Interactive Computer Technologies	
JTHN De Faber, UF Eddema,	2.4
Heredity In Strabismus	34
B Gokyigit, S Akar, E Katiogit, OF Yimaz	40
New Facts In The Convergent Comitant Strabismus Heredity	40
A Lackovic, P Fischerova	47
Functional And Structural Abnormalities Of Visual Cortex In Infantile Strabismus	47
L Tychsen, A Burkhalter, R G Boothe	5 2
Eye Movements In Normal Subjects Induced By Vibratory Activation Of	53
Neck Muscle Propriloceptors	
Y Han, O Lennerstrand	50
Correlation Of Sensory Changes And Visual Evoked Potentials In Patients	59
With Duane's Syndrome	
IE Sloper, ADM Collins	_ =
CT Guided Needle Biopsy Of The Medial Rectus	65
MP Clarke, DL Richardson, CB Ellerton, PR Kendall Taylor	
Evaluation Of The Sign Of Anaesthesia By A Photographic Method.	66
Preliminary Results	
A Pechereau, F Lingereux, MA Qyere, F Lavenant, M Weber	
Intractable Diplopia Due To Non-Traumatic Loss Of Motor Fusion	73
S Shah, AL Spencer, AM Ansons	
A Study Of The Method Of Testing And Recording Of The Post-Operative Diplopia Test	.79
C Gray, A Ansons, A Spencer	
The Management Of Diplopia Using Bangerter Graded occlusive Foils	85
A Mcintyre, P Fells	
Psychological Characteristics Of Orthoptic Patients Being Assessed For Cosmetic	91
Strabismus Surgery	
C Gray, AM Ansons, J Kinsey	
Horizontal Diplopia After Retinal Detachment Surgery And Pre-Existing	96
Heterophoria	
M Bouron Madignier	
Effect Of Bifocals On Accommodation Range In Hypoaccommodatives	101
H Muthlendyck, J Goerdt	
Accommodative Range In Accommodative Esotropia. Is It Necessarily Adversely	106
Affected By The Use Of Bifocal Spectacles.	
C Calcutt, P Kinnear, H Armstrong	
Holmium: Yag LTK: A New Tool For Correction Of Accommodative Esotropia	111
S Frosini, R Campa, R Caputo, A Francini P Grasso Cannizzo, E Trivell, L Crocianni, G	
Leopardi, A LA Tone, R Frostini	
Abolition Of Cyclic Esotropia Following Retention Of Binocular	117
Function By Optical Correction Of The Deviation On Squinting Days	
G Woodruff	
Cyclic (Alternate Day) Esotropia. Case Report And Literature Review	118
F Rowe	
Bilateral Vertical Recti Recessions For Vertical Abnormal Head-Posture In	124
Congenital Nystagmus: Are They Successful? Do They Create Alphabetic	
Disequilibrium?	
AC Spielmann, A Spielmann	

Alternating Esotropia, Toricollis And Head Tremor In Non-Decussating Retinal Fugal Fibre Syndrome	130
P Apkarlan, JTHN De Faber, L Wenniger Prick	
Changes Of Subjective And Objective Cyclodeviation By Inferior Oblique Muscle	135
Recession	
HD Schworn, KP Boergen, S Eithoff, M Schaumberger	
Surgical Treatment Of Bilateral Trochlear Nerve (NIV) Palsy With Special Regard To	141
Cyclodeviation	
T Krzizok, M Graf, H Kaufmann	
Effect Of Minimal Inferior Oblique Recession In V-Pattern	147
KP Boergen, AL Ali, HD Schworm	
The Conservative Treatment Of Vertical And Oblique Muscles Deviation	153
GT Baranowska, L Puchalska-Niedbal	
Long Term Follow Up Of Botulinum Toxin Treatment In Essential	159
Infantile Esotropia And In Late-Onset Normosensorial Esotropia	
C Shaivi, L Scorolli, EC Campos	
Spontaneous Consecutive Esotropia	164
RS Edwards, J Butler- Keast, JF Shilling, MF Barnett	101
Early Versus Late Alignment Of Infantile Esotropia	169
Assaf A	10)
Current State Of The Early Vs Late Infantile Strabismus Surgery Study	175
U Haag	173
Adjustable Suture Techniques In Strabismus Surgery	181
AM Mcelvaney, T Sabala, AM Ansons	101
Pathogenesis Of Visual Symptoms During Occlusion Therapy For Amblyopia	187
RA Harrad, BS Tam, A Whittaker, RB Ellingham	107
The Onset And Recovery Of Motion Perception Deficits In Acute Sixth Nerve Palsy	192
J Hoffmann-Shallo, CR Bentley, AB Cobo Lewis, JF Acheson, AM Bronstein,	174
MA Gresty	
Depth And Size Of Suppression Scotomas In Micro And Divergent Strabismus	198
	170
MV Joose, EM Simonsz, EM Van Minderhout, PTVM De Jong	204
A Test For Retinal Correspondence Without Artificial Dissociation	204
V Herzau, N Hockele, M Schrz Outcome Of Initial Botulinum Toxin Therapy In Patients With Consecutive And	211
* ·	211
Secondary Exotropia	
J Lawson, L Kousoulides, J Lee	216
Operative Findings In Patients With Consecutive Divergence Strabismus	216
CJ Heaven, AM Ansons	222
Long-Term Results Of Surgery For Consecutive And Secondary Exotropia	222
L Kousoulides, J Lawson, P Fells, J Lee Transferent For A On V Pottern Frontier Profession Of Internal Poetro	227
Treatment For A Or V Pattern Exotrophia By Slanting Recession Of Internal Rectus	227
Muscles For Insertion	
B Bierder, R Frilling For this and Government Provider Transfer T	222
Functional Care With Botulinum Toxin Treatment	232
V Balakrishman, V Maurino, E Lymburn, C Macewan, JP Lee,	220
Conjuntival Closure In Strabismus Surger. Vicryl Vs Fibrin Glue	238
G Rosenthal, B Bierner	2.42
Analysis Of The Results Of 14 Cases Of Strabismus Surgery In Dysthyroid	243
Eye Disease	
MP Clarke, P Kendall Taylor, CP Ellerton	2.40
Colour Doppler Imaging Of Superior Ophthalmic Vein In Thyroid	249
Associated Eye Disease	
D Can, SB Ozam, H Ozdemir, A Atilla, MF Soyley, S Duman	255
Surgical Repair Of Orbital Fractures At What Time?	255
RJ Grootendorts, K Verhoeff, R Wijngaarde, K De Man, JTHN De Faber	0.50
Unilateral Coronal Synostosis	258

JW Walker, I Russel-Eggitt, I Hayward, R Jones	
Analysis Of Nystagmus	265
M Gresty	
Idiopathic Congenital Nystagmus – Examination Of Relatives	269
J Shallo-Hoffmann	
Congenital Nystagmus: Masquerade Syndromes	274
AT Moore	
Surgery To Dampen Nystagmus	286
A Spielmann	
Management Of Contemporary Head Posture In Congenital Nystagmus	293
J Lee	
Botulinum Toxin In Late Onset Esotropia And Influence Of Potential Binocularity	305
A Chandnu, A Ward	20.6
The Results Of Surgical Treatment In Duane's Retraction Syndrome	306
SB Ozkan, D Can, AK Arsan, S Demirei, R Kasim, S Duman	210
Surgical Results In Highly Asymmetric Dissociated Vertical Deviations	312
D Can, SB Ozkan, R Kasim, S Duman	217
Differential Diagnosis And Indications Of Surgical Treatment Of Congenital	317
Or Acquired paresis Of The Trochlear Nerve	
KM Krystkown, A Kubatko Zielinska, E Wojcik Post-Decompressive Orbitotomy Changes In Ocular Motility Graves-Basedows	222
	323
Ophthalmology A Lepri, U Benelli, A Parmini, F Fornaro, S Sellari-Franceschetti, A Pinchera, M Nardi	
Patient V Practitioner Perception Of Outcome In Intermittent Esotropia	329
Of Distance Type	329
JES White, P Fells, JP Lee	
Use Of Tropicamide For Fine Adjustment After Exotropia Surgery	334
A Furukawa, S Sugimoto, Y Hatsukawa, P Fells	334
Treatment For Convergence Insufficiency By Slanting Angle Medial	340
Rectus Muscle Resection	540
B Bierner	
Saccade Characteristics In Acute Sixth Nerve Palsy	344
CR Bently, JA Shallo-Hoffman, MC Faldon, JE Acheson, MA Chesty	511
Photographic Method Of Measurement Of Ocular Deviation By Analysis Of The	350
Corneal Reflex. Results In 15 Normal Subjects	
F Lignereux, M Weber, A Pechereau	
Study Of Optokinetic And Caloric Nystagmus In Patients With Congenital	355
Nystagmus	
M Jarzebinska-Vecerova, L Pospiech	
Does Random-Dot Contrast Influence Stereoacuity?	361
A Fea, P Mazzetti, M Musso, P Angelillo, M Vitale Brovarone	
Investigating Diplopia And Suppression With The Post-Operative Diplopia Test,	362
The Results With Prisms Compared With Botulinum Toxin	
AL Spencer, CM Gray, AM Ansons	
The Study Of Ocular Dynamics Through The Grid Method	368
GOP Gracis, G Cattini	
Screening For Suppression With The Polaroid Suppression Test	374
J Pott, JTHN De Faber, C Wemes, MA Lageslag	
The Crowding Phenomenon An Additional Approach To An Old Phenomenon	375
B Stankovic, GH Kolling, B Stankov, V Djokie	
Are ACP Useful In The assessment Of Strabismic And Anisometropic Amblyopi?	380
A Fea, C Corgiat-Mecio, N Fidanza, M Musso, F Brovarone-Vitale	
Saccade Amplitudes In Strabismus	381
AF Vcan Leenwen, LTHN De Faber, J Van Der Steen, H Collewijn	205
The Evaluation Of Congenital Double Elavator Palsy With Magnetic	387
Resonance Imaging	

SB Ozkan, M Aribal, D Can, AK Arsan, S Duman	
Strabismus In Williams-Bueren Syndrome Report Of The 3 Operated Cases	392
E D E Ancos, G Klainguti	
Ocular Motor Apraxia Of Downgaze	397
AY Firth, JP Burke	
Loss Of Binocularity Following Eximer Laser Correction Of Myopia	403
MP Clarke, S Webber, J Garston	

$\begin{tabular}{ll} Transactions 23^{rd} European Strabismological Association \\ June 1996, Nancy, France \end{tabular}$

Ambiyopia in infantile Esotropia	13
Y H Jin, S C Park, M S Kook, A A Zubcov	
Anisometopia And Amblyopia In Non-Strabismic Children	15
M Spiritus, D Yuksel, S Vandelannoitte, D Hoffmann	
Use of Pattern Visual Evoked Potentials To Diagnose And Treat Strabismic	21
Amblyopia In Very Young Children	25
Amblyopia In Sweden. Effects Of Screening At Health Care Centres And In School	25
P Jakobsson, G Kvarnstrom, G Lennerstrand	22
Foveation In Latent Nystagmus Observed With A Scanning Laser Ophthalmoscope	33
V Herzau, N Hockele, H Hettesheimer, R P Tornow	20
Objective And Subjective Torsional Measurement In The IV Nerve Palsy With The	39
Scanning Laser Ophthalmoscope	15
Motion Detection Deficits In Infantile Residual Esotropia Without Nystagmus	45
J Shallo-Hoffman, M Faldon, S Hague, P Riordan-Eva, P Fells, M Gresty	49
Recognition Time After Four Muscle Recession For Nystagmus	49
D T Sprunger, B Fahad, E M Helveston	53
Saccade Characteristics In Strabismus Before And After Eye Muscle Surgery	33
A F Van Leeuwen, JTHN De Faber, J Van Der Steen, H Collewijn Rationalising Saccadic Eye Movement Assessment	59
S Mars, A Ansons, A Spencer, M Hill, D Alexopolos	39
Does Random Dot Contrast Influence Steroacuity?	65
A Fea, G Soardo, P Mazetti, G Valli, P Angelillo, M Musso, M Vitale-Brovarone	03
Can Spontaneous Consecutive Exotropia Be Explained By Vergence Anomalies?	71
M Van Lammeren, L De Clippeleir, L Van Eckhoutte, H Janssens, L Baekeland	/ 1
Phantome Aniseikonia	77
W De Decker, E Danheim-De Decker	, ,
Symptomatic Accommodative Defects In Children And Young Adults	85
C Calcutt, P Kinnear	05
Jaw Winking Syndrome And Peripheral Mirror Movements	91
M Barca, M Ribiero, C Pereira	
Unilateral Limitation Of Elevation Associated With Springing Pupil	96
G Lasorella	
Relatively Late Onset Strabismus In Early Childhood	97
E Schulz	
Sugical Results In Duane Syndrome	101
C Stolovitch, A Michaeli-Cohen	
Characteristics Of Nystagmus In Children With Down's Syndrome	109
J Lawson, F Shawket, C Timms, D Thompson, A Kriss, I Russell-Eggitt,	
D Taylor, C Harris	
Disappearing Diplopia: Ocular Neuromyotonia In Association With A	115
4th Ventricule Ependynoma	
C R Bently, M A Burdon, E Tomlin, T D Matthews	
Strabismus In Children With Craniopharyngioma	120
C Timms, T Lavy, C De Vile	
Ocular Motility Disorders In Trigonocephaly	124
A Dickmann, S Santamaria, F Velardi, G Savino, D Di Nicola, L Scullica	
Ocular Findings In Trigonocephaly	129
D Denis, L Genitori, J Conrath	
ASF: Report On The Last Meeting Round Table. Strabismus And Botulinum Toxin	137
F Pincin	
Botulinum Toxin In Chronic Superior Oblique Palsy	139
L Graham, J Lawson, D O'Neill, J P Lee	
Botulinum Toxin In Chronic Superior Oblique Palsy	145

M De Lourdes Vieira, J A Dias, C Cavaco	
Diplopia Following Botulinum Toxin Injection	149
L Kowal, S Wutthiphan, S Gonex, O'Day, J Price	
Sixty Strabismus Cases Operated With The Computerized strabismus Model:	153
When Does It Benefit, When Not?	
H J Simonsz, H M Van Minderhout, H Spekreijse	
Validations Of Donders Law With Computerized Ocular Motor Analysis System	159
R S Jampel, D X Shi	
Results Of Joint Refractive And Oculomotor Treatment In High Unilateral	161
Myopia In Adults	
D Thouvenin	
Oculomotor Disturbance Induced By Wrong Proprioception	167
O Alves Da Silva	
Diagnosis Of A Masked Bilateral Congenital Superior Oblique Palsy	173
P A Evens, D Godts, M J Tassingnon	
The Effects Of The Prism Adatption Test (PAT) On The Measurements Of	179
A And V Patterns	
S Veronneau-Troutman, E Schuler-Traykovski, S Shippman	
Can the Benefit Of Prism Adaption Be Achieved In A Shorter Time Span?	185
J D Baker, M R Altman, M Schweers, J Petruank	
A Decision Making Approach In Diagnosis And Treatment Of Accommodative	191
Squint	
C Kingma-Wilschut, JTHN De Faber, M Wildervanck De Blecourt	
Evaluation of The Minimum Angle In Posterior Fixation	199
B Tapiero, A Pechereau, I Riss	
Congenital Superior Oblique Palsy. Morphological Study By High Resolution	204
Magnetic Resonance Imaging	
F Lignereux, M Duffas, M Gayet, A Pechereau	
MRI Findings In Congenital And Acquired Superior Oblique Palsy	209
M Sato, Y Ota, S Awaya	
Angular Variations Under Different Conditions Of Stimulation In Divergent Squints	210
A Pechereau, H Tessier, L Champion, F Lavenant, M A Quere	
New Surgical Approach For The Congenital Absence Of Inferior Rectus Muscle	217
A Yoonae, Cho	
Late Overcorrections In Inferior Muscle Surgery For Vertical Squint Correction	218
D Lioumi, R Gregson	
Long Term Results Of Strabismus Surgery	223
N Jeanrot, F Jeanrot, L Bezait	
Surgical Measurement Of Anomalous Head Posture Due To Supranuclear	229
Gaze Palsies And Acquired Nystagmus	
C Schiavi, L Scorolli, E C Campos	
Bilateral Lateral Rectus Muscle Recession In Primary Exotropia With Convergence	235
Excess And Consecutive Exotropia Due To Medial Rectus Faden Operation	
M Graf, T Krzizok, H Haufmann	
Tricks And Tips In Adjustable Surgery	241
A Spielmann, A C Spielmann	
Combined Strabismus Surgery (Adjustable Technique) With Cataract Extraction	247
M El Cherbini, F El Sayyad	
Medial Rectus Insertion On Tenon's Capsule	248
L Sekkat, P De Gottrau, A Roth	
A-/V- Patterns Combined With Stilling Turk Duane's Sretraction Syndrome	252
K Hartmann, H Muuhlendyck	
The Effect Of The Orbital Floor Fracture Operations On The Ocular Motility	257
Restoration In Children	
A Gerinec, J Mracna	
Rotary Kestenbaum – Torsional Shift Operation For Congenital Nystagmus With	263

Anomalous Head Posture And Marked Head Tilt	
K M Krzystkowa, C Bilska, A Kubatko-Zielinska	
Superior Olique Tendon Advancement For Primary Or Residual Superior Oblique	271
Underaction	
V M G Ferguson, J P Lee	
A Retrospective Review Of Superior Oblique Tucks In The Management Of	277
Superior Oblique Under-Action	
A S Narita, J Patterson, L Garnham, J P Lee	
Traumatic Superior Oblique Deficiencies: Is Resection Of The SO Tendon	283
Convenient For All Clinical Pattern?	
J L George, T Malet, K Angioi-Duprex, T Maalouf, M O Cordonnier	
Results Of Different Surgical Procedures In Trochlear Palsy	289
K P Boergen, M Arzt, H D Schworm	
Visual Illusion Perception In Amplyopia Patients	295
R Bolzani, C Cipolli, A Gioia, E C Campos	
Pattern Visual Evoked Potentials (PVEP) And Pattern Electroretinogram (PERG)	301
In Anisometropic Amblyopia	
M Di Pietro, F Cavallaro, V Marion, E Canino, J P Ott, V Russo	
Comparative Study With MRI Of Corpus Callosum In The Amblyopic Strabismus	307
And Non Strabismic Subject. Attempt Of Correlation With Animal Physiology	
Y Dordain, B Roussat, M T Iba-Zizen, C Milleret, Cabanise, H Hamard	
VEP Mapping In Diagnosis Of Amblyopia	308
I Loskoutov, A Shamshinova, R Ibatulin	
The Development Of The Visual Acuity And The Oculomotricity After	309
Strabismus Surgery In Infantile Encephalopathy: Our Experience In 9 Cases	
G Porro, M Delpiano, R Tochio, C Bredariol, M Musso	
Vernier Acuity Cards In Microtropic, Anisometropic And Strabismic Amblyopia	315
A Fea, R Anfossi, M Musso, P Perino, G Soardo, F Vitale-Brovarone	
Experience With Occlusive Contact Lenses In The Treatment Of Strabismic And 320	
Anisometropic Amblyopia	
E De Giogia, M Musso, P Perino, B Paulon, F M Grignolo	
Telescopic Systems As A Help In Treatment Of Deeply Amblyopic Eyes In	325
Grown-Up Children	
L J Mawas, S Fateh	
Nuclear MRI In A Rare Case Of Bilateral Moebius Syndrome	329
C Rechichi, T A Huisman, G Tripodi, B Ricci, G Ferreri	
Magnetic Resonance Imaging (MRI). Study Of The Superior Oblique.	335
Results In 10 Normal Subjects	
F Ligneruex, M Duffas, M Gayet, A Perchereau	
A New Method To Study The Functionality Of Extraocular Muscles:	339
Dynamic Echography	
V Russo, M Di Pietro, E G Canino, J Nicieza	
Force Development And Saccadic Velocity In Dysthyroid Ophthalmopathy	345
S Tian, G Lennerstrand, Y Nishida	
Myopathic Extraocular Muscles In Thyroid Eye Disease. A Report On 3 Cases	350
A Spencer, A Ansons, S Mars, C Gray	
Estimation Of Duction Ranges Using Visual Acuity	355
B Arens, C R Bently, J F Acheson, M A Gresty	
The Field Of BSVB Using The Transparent Grid Method In Diplopia	361
G P Gracis, G Cattini	
Psychologicval Aspects Caused By Strabismus In Children And Adolescents	369
S Boshakovska, N Pop-Jordanova	
Opthalmological Check-Up Aiming The Early Detection Of Strabismus Of	374
Kindergarten Children	
M Nagy, G Szerbak, L Papp	
Incomitant Skew Deviation In Association With Arnold-Chiari Malformation	375

L Baker, A M Ansons	
Medial Rectus Paresis, A Rare Complication Of Spinal Analgesia (Case Report)	381
M G Bucci, F Pinto, C Anzidei, R Giannini	
Diplopia As A Neuro-Ophthalmic Manifestation Caused By The Exposure To	382
Gluaraldeide-Phenato Solution	
L Mazzantini, A Tribios, G Melino, E Bordi, R Giannini, R Appolloni	
Consecutive Inferior Oblique Underaction In Resolving Superior Oblique Palsy	383
A S Narita, J P Lee	
Spinal Misalignment And Tensional Headache Before And After Surgery In	389
Unilateral Superior Oblique Palsy	
A Piantanida, A Criscuoli, L Vacchini, M Stoppani, P Nucci	
Worldwide Study Of Surgical Management Of Strabismus	395
M Bourron-Madignier, C Bourron	
Conservative Management Of Diplopia After Orbital Blow Out Fracture	401
M Neufeld, V Maurino, J P Lee	
Medical Treatment Of Ontermitent Exotropia : Anew Prismatic Approach	403
V Paris	
Inflammation Study After Strabismus Surgery With Laser Flare-Cell Meter	409
J L Llamas, M Taglioni	
Local Anesthesia From Strabismus Surgery	414
D R Manley, L Nelson	
Antiemetic Prophylaxis With Metoclopramide Or Ondansetron In	415
Strabismus Surgery	
O Elibol, S Serin, N Yuksel, Y Caglar, M Gonulu	
Nasal Transportation Of The Superior Oblique Tendon For Treatment Of	423
Browns Syndrome	
B Bierdner	
The Ocular Fibrosis Syndrome: The Role Of Vertical Transposition Of The	429
Horizontal Rectus Muscles In These Patients	
M Hill, A Ansons, C Gray, A Spencer	
Kestenbaum Principle Versus Surgical Rotation Of The Involved Eye	435
Alone For Correction Of Paretic Strabismus	
G Kommerell	
Acquired Paralysis Of Cranial Nerve 6, 4 And 3: Method Of Treatment	439
And Results	
A Kubatko-Zielinska, K M Krzystkowa, E Wojcik	
Amount Of Kestenbaum Surgery For Correction Of Abnormal Head Posture	445
In Infantile Nystagmus	
Jb Lee, S H Han	451
The Use Of 5 Fluorouracil, Botulinum Toxin And Traction Sutures In The	451
Management Of The Adhesive Syndrome	
A Mcelvanney, A Ansons, A Spencer	157
Adjustable Recession Of Medial Recti And Without Viscoelatic Substances	457
V Russo, M Di Pietro, S Giuffrida, M Taffara, E Canino	165
An Expert System For Directions About Surgery Of Convergent Strabismus.	465
Validation Of Results P. Fraccini, P. Compte, I. Compte, C. De Liberto	
R Frosini, S Frosini, R Caputo, L Campa, C De Libero	471
Graphics And Statistics With A New Data Base For Strabismus	4/1
A A Zubcov, P Atark Evaluation Of Interactive Computer Technology, For Potient Education	476
Evaluation Of Interactive Computer Technology For Patient Education And Information	470
J T H N De Faber, U F Hiddema, K R Pameijer	
The E S A Homepage	477
T D Matthews, E A Tomlin	4//
Validation Of Strabismus Angle And Refractive Measurement By	478
Computerized Photo Screening	770
comparizated I note betweening	

R Laroche, R C Scot, P Gregson, P Kozousck, L Dhurjon

Transactions 24th European Strabismological Association September 1997, Vilamoura, Portugal

The Problem To Compare Early And Late Surgery For Treatment Of Infantile	21
Esotropia	
W Happe, W De Decker	
State Of The Early Vs Late Infantile Strabismus Surgery Study	27
K Meyer, H Simonsz, Kolling G, U Hag, H Dinkel	
Long-Term Motor Results And Frequency Of Reoperations In Congenital Esotropia	33
T Rzizok, A Teller, H Kaufmann	
Long Term Results Of Surgical Treatment For Convergence Excess Esotropia	34
M Neufeld, L Garnham, J Lee	
Surgical Correction Of Convergence Excesses	39
S Frosini, L Campa, R Caputo, R Frosini	
The Gradient Of Passive Muscle Forces Measured During Eye-Muscle	45
Surgery For Concomitant Esotropia	
A Roth, A Sansonetti-Ferrario, S Drame	
Esotropia In Young Adults	51
M L Viera	
Binocularity In Accommodative Esotropia	57
B Gokyigit, B Kose, E Kadioglu, U Manzakoglu	
The Effect Of Asymmetrical Recessions Of The Four Horizontal Recti In Refractive	63
Accommodative Esodeviations	
L De Clippeleir, L Van Eeckhoutte, M Van Lammeren, L Baekeland, H Janssens	
The Post Operative Diplopia Test And Botulinum Toxin As Predictors Of	69
Post-Operative Sensory Outcome	0,
A Spencer, A Andsons, A Denning, A Kranemann	
Botulinum Toxin In Congenital Esotropia. A 28 Month Follow-Up	75
M Ribeiro, M Oliviera, J Viera, M Barca, C Pereira	, 0
Treatment Of Convergence Problems With Botulinum Neurotoxin A	78
T Matthews, E Tomlin,	, 0
Eye Position Under General Anaesthetic, Variation With Time And Light	85
A Pechereau, J Hlbardier, C Raynal, F Oger-Lavenant	05
Ocular Motility Disturbances following Surgery For Retinal Detachement	91
V Maurino, A Kwan, B Khoo, E Gair, J Lee	71
Does The Degree Of Inferior Rectus Palsy Influence The Effectiveness	97
Of The Inverse Knapp Procedure)
Subjective And Objective Cyclorotatory Changes Following The Modified	103
Harada-Ito Procedure For Acquired Uni- And Bilateral Trochlear Palsy	103
H Schworm, S Horstmann, T Ring, K P Boergen	
A Modified Prognosis Of Anterior Segment Ischaemia Following Strabismus Surgery	109
K P Boergen, M Arzt, H Schworm	109
Pre-Operative Simulation Of Detached Extraocular Muscles During	114
*	114
Strabismus Surgery Under Topical Anaesthesia	
A Ansons, A Denning, A Spencer, C Kranemann	110
Long-Term Prognosis Of Anterior Segment Ischaemia Following Strabismus	119
Surgery M. Bordon, J. L. a.	
M Burdon, J Lee	120
Subconjunctival Abscess As A Complication Of Strabismus Surgery	120
J T De Faber, R Grootendorst, D Paridaens	100
Results Of Superior Oblique Posterior Tentomy	129
V Vempali, J Lee	105
Persistent Superior Oblique Overaction After Surgical Treatment Of	135
A-Pattern Anisotropia	
A Castanera De Molina, M Giner-Munoz	
Superior Rectus Recession With Temporal Transposition Of The Tendon In	141

Dissociated Vertical Deviations With Excyclodeviation	
A Spielmann, A C Spielmann	
The Head Tilt In Dissociated Vertical Deviation (Dvd): Is There A	147
Relationship To Torsion?	
A Firth, J Burke	
Reduced Steroacuity And Binocular Beat Visual Evoked Potential In	153
Patients With Duanes Syndrome	
J Sloper, C Garnham, D Plunkett, R Dyason, P Gous	
Ocular Movements Recording In Type I Duane's Syndrome	159
A Dickmann, G Savino, D Di Nichola	
Objective Criteria Of Control In Intermittent Exotropia	167
C Yildirim, H Altinsoy, E Yakut	
The Role Of Distance Stereopsis And Foveal Fusion In The Surgical Treatment Of	173
Intermitent Exotropia	
H Altinsoy, C Yildirim, M Mutlu	
Eye Position Changes By Activation Of Eye And Neck Muscle Proprioceptors	179
In Normal And Exotropic Subjects	
G Lennerstrand, Y Han	
Symmetrical Vs Asymmetrical Surgery In Intermittent Basic Exotropia	185
M Siritus, S Vandelannoite, D Yuksel	
Stretching Of Horizontal Recti In Consecutive Exotropias	191
F Oger-Lavenant, A Perchereau	
The Management Of Intractable Diplopia With Occlusive Contact Lenses	197
L Garnham, C Astin, J Lee	
Evaluation Of Methods For Assessing Visual Function In Children 0-1 ½	203
Years Of Age With Normal Vision, Strabismic Amblyopia And Low Vision	
A Rydberg, G Lennerstrand	
A Valid Treatment And Criterion For Cure Of Strabismic Amblyopia	204
J Lang	
Amblyopia: A Review Of Treatment In Apparently Irreversible Cases	208
F Reich D'almeida, I Reich D'almeida	
The Features Of A-Pattern Esotropia In Thyroid Eye Disease	214
C Kranemann, A Ansons, A Denning, A Spencer	
High Levels Of Concomitant Cyclotorsion In Thyroid Eye Disease	220
H Davis, A Ansons, A Denning, A Kranemann, A Spencer	
Eye Muscles Study In Young Patients With Grave's Disease	225
A Piantanida, L Pierro, M Stoppani, P Nucci	
The Effect Of Asymmetrical Congenital Idiopathic Nystagmus On	230
The Long-Term Development Of Visual Acuity	
A Ansons, A Mcelvanney, A Spencer	
The Importance Of Acuity Testing And Visual Evoked Potential (VEP) Assessment	237
In Craniofacial Dysostosis	
J Walker, A Kriss, I Russell-Eggitt, R Hayward, B Jones	
The Existence Of Dissociated Vertical Deviation In Subjects Without	241
Ocular Abnormalities	
L Van Rijn, M Ten Tusscher, I De Jong, F Hendrikse	
Motility Disorders In Hemifacial Atrophy (Parry-Romberg Syndrome)	246
C Kingma-Wilschut, W Van Den Bosch, J T De Faber	
Excimer Laser Photofractive Keratectomy: The Effect Of Binocular Function	252
J White	
Bilateral Monocular Diplopia – A Cause For Concern Or Not?	257
W Marshman, G Adams, P Riordan-Eva	237
Strabismus As First Symptom Of The Severe Intraocular Disease In Children	261
A Gerinec	201
Ophthalmic Presentation And Sequelae Of Childhood Medulloblastoma	267
L Cassidy, R Stirling, R Hole, K May, R Doran	201
L Cassidy, K Suring, K Hole, K Way, K Dolan	

Infranuclear Ophthalmoplegia: Investigation And Management	277
J Elston	202
Oculo-Vestibular System Control	283
A Safran	207
Cyclotropia	287
C Schiavi	• • • •
"Intractable" Diplopia In A Young Man. A Sad Story	288
J Lee	
Surgery In Duane's Retraction Syndrome	291
G Lennerstrand	
Case Report: Esotropia And Abnormal Head Posture With Nystagmus Blockage In	294
Adduction. Evolution Apparently As A Lat Monophthalmic Syndrome With	
Contralateral Amblyopia	
F Reich D'almeida	
Cupers Faden Operation – Posterior Fixation Suture – Illustrated By A Case Report	297
A Roth	
Oscillopsia And Nystagmus Surgery	300
A Spielmann	
Visual Acuity Screening In Children Using Television Screen	305
A Assaf, M Dowaidi	
Distribution And Ranges Of Refractive Errors In Infancy. A Data Base For Future	311
Programmes Of Amblyopia Prevention	
M Giner-Munoz, A Castanera De Molina	
Amblyopia As A Cause Of Visual Handicap	317
P Jakobsson, G Kvarnstrom, M Abrahamsson, E Bjernbrink-Hornblad, B Sunnqvist	
Strabismus In A Familial Basis	325
M Barca, M Ribeiro, C Pereira	
A Protocol For The Orthoptic Management Of Children Treated For Stage III	330
Retinopathy Of Prematurity	
C Bently, B Mccarry, B Schulenberg,	
Adjustable Light Flash Friby © For Measuring Stereoacuities Of Children Aged	331
10-50 Months	
J Frisby, H Davis, L Hanson	
Assessment Of A New Method Of Examination Of Eye Position Under	337
General Anaesthetic	
The Refractive Components In Binocularity Disturbances	342
L Lindberg, H Erkkila	
A Prospective Evaluation Of Strabismus Comparing Results Of Distance Fixation	347
Orthoptic Tests At 3m And 6m	
A Mcintyre, C Lewis	
Influence Of Target Type On Level Of Accommodation	348
D Nicholas, A Firth, J Whittle	
Prism Glasses Prescribed With Pola-Test Or With Conventional Orthoptic Exam	354
H Simonsz	55.
The Use Of Boinocular Acuity In The Assessment Of Intermittent Exotropia	356
G Laroche	330
Surgery For Small-Angle Esotropia – One Vs Two Medial Rectus Muscles Recession	359
B Biedner	337
Residual Medial Rectus Muscles Overaction In Undercorrected Comitant Esotropia	368
D Sprunger, B Wasserman	500
* •	375
Repetitive Stress Injury (RSI) And Thyroid Myopathy	313
A Assaf, A Heywood, J Eyre, D Jones Modiel Pactus Re Recession For Unaccentable Face Turn And Esetropia In Duane's	201
Medial Rectus Re-Recession For Unacceptable Face Turn And Esotropia In Duane's	381
Retraction Syndrome A Case Report Of Synargistic Divergence And Duene's Type II Occurring T	205
A Case Report Of Synergistic Divergence And Duane's Type II Occurring T	385
Ogether In The Same Patient	

A Denning, A Ansons, A Spencer, C Kranemann	
Four Years Experience Of A Speciality Duane's Retraction Syndrome Clinic	390
W Marshman, G Shalit, R Jones, J Lee, T Matthews, S Mccabe	
Loss Of Vision In Duane's Syndrome – A Time To Consider Alternate Pathology395	
W Marshman, J Lee, B Jones, G Schalit, G Holder	
Vertical Fusional Amplitude In Thyroid Associated Eye Disease	399
S Ozkan, D Can, M Soylev, Z Can Karaman, E Kir, A Arsan, S Duman	
Botulinum Toxin In Traumatic Sixth Nerve Palsy: Toward An International	407
Randomized Trial	
J Holmes	
Moebius Syndrome: MRI Findings In 3 Cases	408
D Lengyel, W Zaunbauer, E Keller, I Gottlob	
Is There A Cosmetic Penalty In Leaving The Conjuctiva Recessed Following	411
Adjustable Squint Surgery	
I Simmons, A Ansons, A Spencer	
The Use Of Tramadol Associated With Sub-Tenon's Anesthesia In Strabismus Surgery	415
A Vinciguerra, S Pensiero, G Runti, L Borzaghini, P Perissutti	
Multidisciplinary Approach In Plagiocephaly	423
A Biscuoli, L Vacchini, Apiantanida, P Nucci	
Strabismus As A Complication Of Cuba Therapy For Retinitis Pimentosa	426
J T De Faber, K Verhoeff, M Langeslag	
Congenital Absence Of The Superior Rectus/Levator Complex - Case Report	431
C Kranemann, A Anson, A Denning, A Spencer	
The Effect Of Doxorubicin On Extraocular Muscle – An Experimental Study	434
S Ozkan, D Can, H Bilgili, M Soylev, A Arsan, H Ustun	

Transactions 25th European Strabismological Association September 1999, Jerusalem, Israel

Introduction Of The Fourth ESA Lecturer 1 A Spielmann
Essential Infantile Esotropia: A Controversial Subject E C Campos 4
Eye Interactions In Strabismic And Nonstrabismic Amblyopia 15 I Boycuk, O Kovaliova, V Moroz
Motion Detection In Anomalous Retinal Correspondence 25 S Piaggi, R Bolsani, V Belli, E C Campos
Intensive Occlusion Therapy For Amblyopia 31 S E Dorey, G G W Adams, J P Lee
The Breaking Point For Developing Anisometropic Amblyopia In Hypertropic Children
M J Moseley, A R Fielder, M Neufeld Detection Of Amblyogenic Risk Factors By Pediatric Residents Using The MTI Photoscreener And The Bruckner's Test 35
E A Paysse, D K Coats, G C Williams, E Williams Successful Occlusion In Complaint Amblyopic Elderly Children 41
A Piantanida, S Vergani
Visual Function, Refractive Errors And Strabismus In Patients With Familial Isolated Ocular Coloboma 49
L Gradstein, E Ronen, N Belfair, T Lifshitz, B Biedner
Spasm Of The Near Reflex: Analysisis Of The Clinical Characteristics A Mcintyre, J Sloper
Why should Bielschowski Head Tilt Be Negative In Patients With Skew Deviation? A B Safran, B Rossillion 61
Acquired Moebius Like Syndrome: Case Report 62
C Schiavi, C Bellusci, E C Campos
Vertical Diplopia Following Local Anaesthetic Cataract Surgery – 66 Predominantly A Left Eye Problem?
I A Pearce, P M Mccreedy, M P Watson, R H Taylor
Surgery And Botulinum Toxin Treatment In Ocular Myasthenia 69
C Bentley, E Dawson, S Bhermi, J Lee
Toxin And Transportation Revisited 74
E Dawson, C Bently, J Lee Botulinum Toxin A: Its Use In The Management Of Patients With 79
Binocular Results
J White, E Dawson, J Lee
The Role Of Botulinum Neurotoxin Type A (BTXA) In Secondary Strabismus 84
S Woodruff, E Dawson, J Lee
A Case Of Hypotropic Dissociated Vertical Deviation: Surgical Management 93 S P Kraft, E L Irving, M J Steinbach, A V Levin
Adjustable Strabismus Surgery – Who Needs Adjusting? 96
M D Mohamed, J A Bradbury
Phamocologic Stabilization Of Hang-Back Recessions P Nemet, Y Morad 97
Intraoperative Adjustment Of Eye Musclesbased On Position Of 100
Eyes During Non-Depolarizing Muscle Relaxant Anesthesia:
A Surgical Technique.
M I Stavis The Use Of Sub-Tenon's Ropivacaine In Managing Strabismus With Adjustable 106
Sutures Sub-Tenon's Ropivacame in Managing Strabismus with Adjustable 100

G Walters, O G Stewart, J A Bradbury	
Measurements For Horizontal Extraocular Muscle Surgery From The	110
Suture Site: Outcome And Influencing Factors	
Z I Segal, U Rehany, S Rumelt	
Combined Adjustable Strabismus And Intraocular Lens Surgery	113
H Basmak, N Erol, M Dogramaci, S Topbas, S Yurdakul	
Cross-Suture Resection Technique Effectiveness	114
C Chiesi, D Palmiera	
Simultaneous Six-Muscle Surgery For Essential Infantile Esotropia	119
S Frosini, R Caputo, L Campa, R Frosini	
Delayed Surgery For Long-Standing Strabismus: Subjective And Objective Outcome	125
H Leiba, E Rechtman, B Zwilling, A Pollack	
Evaluation Of An Analgesic Protocol In Strabismus Surgery	129
A Perchereau, V Tascon, P Grivaux, B Sohoua	
Analysis Of Video Pictures Registration Showing Patients With	135
Nystagmus Basing On Own Computer Programme	
L Puchalska-Niedbal, T Baranoswka-George	
Diagnosis And Management Of Slipped Muscle	140
J Raz, J Bernheim, M Freund, S Aharonowitz, C Saar, E Assia	
Our Experience In The Testing Of Visual Acuity In Preliterate Children	143
P Cohen, S Ronen, Y Rozenman	
Is Ultrasonography Effective At Localising Extra Ocular Muscle	144
Insertions Accurately?	
S E Dorsey, G Banerjee, M Restore, G G W Adams, J P Lee, J J Sloper	
Binocular Function In Unilateral Traumatic Aphakia	149
L Graham, J Lee	
The Range Of Ocular Movements Decreases With Ageing	152
R A Clark, S J Isenberg	
Binocular Functions In Patients With Keratoconus Managed	158
With Scleral Contact Lenses	
J E S White, G G W Adams, H Sherafat, K Pullum, J J Sloper	
Fusional Responses In Strabismic Patients	165
A Dickmann, G Savino, A Salerni, D Di Nichola	
The Clinical Features Of Albinism And Their Correlation With	171
Visual Evoked Potentials	
S E Dorsey, M M Neveu, L C Burton, J J Sloper, G E Holder	
Binocular Measurement Of Fundus Correlated Objective Cycloposition	176
In Physiological Viewing	
O Ehrt, H Schworm, K Boergen	
The Stability Of The Controlateral Eye In Strabismus Surgery Under	181
General Anaesthesia	
A Percherau, J M Halberdier, C Lucas	
Oculomotor Surgery In Adult Patients. Why Is It So Frequently Rejected?	186
A C Spielmann, A Spielmann	
3 Dimensions Of Squint: New Ways To Measure	192
H Wassill, H Kaufmann	
Changes In Ocular Motility And Eye Position After Three-Wall Orbital	199
Decompression By Anterior Or Bicornal Approach	
D Godts, F De Wilde, M J Tassignon	
Strabismus Fixus: Biopsy Of All Extraocular Muscles And New	205
Histological Findings	
D C Mather, B J Clarke, G G W Adams	
Double Depressor Palsy With Results Of Surgery And MRI Examination	208
S B Ozkan, V Dayanir, Z C Karaman, M F Soylev	
Abnormal Extraocular Muscle Insertions And Muscle Fibrosis:	214
A Family Report	

A Roth, G Klainguti	
Thyrotropin Receptor Immunoreactivity Inextraocular Muscles Of Patients	220
With Thyroid Associated Ophthalmopathy Compared To No Thyroid	
Inflammatory Orbital Disease And "Normals"	
M Spiritus, A Boschi, C Daumerie, M C Many, M Ludgate	
Results Of Long Term Follow Up In Accommodative Esotropia	229
C Stolovitch, M Kisilevsky	
Visual Impairment In Exophoria Compensated By Accommodative Convergence	232
S Motsch, H Muhlendyck	
Ophthalmologic And Facial Features In Spina Bifida	236
E A Paysse, D K Coates, A Khokhar	
The Early Vs Late Infantile Strabismus Surgery Study: Quality	242
Management For The Final Examination Procedure	212
K Unnebrink, H Breitschwerdt, G Kolling	
Saccadic Binocular Coordination In Alternating Exotropia	248
* *	240
A F Van Leewen, J T De Faber, J Van Der Steen, H Collewijn	257
Surgical Management Of Strabismus In Craniofacial Dysostosis	257
D K Coats, E A Paysse, D Stager	2.62
Measurement Of Alphabet Patterns	262
H Davis, L Baker	
Heterotopy Of Extraocular Muscle Pulleys Causing Incomitant Strabismus?	268
A Case Study	
J T De Faber, K Verhoeff, A F Van Leeuwen	
Oculomotor Balance And Plagiocephaly	274
D Denis, J Conrathe, E Hadjadj	
Long-Term Results Of Surgery For Exodeviation	
H Leiba, O Mahler, B Hadas, B Zwilling, M Mamos, A Pollack	
The Quality Of Potential Binocularity During Prism Adaption For Primary	313
Acquired Constant Esotropia	
L Baker, H Price	
Modified Anteriorization Of Inferior Oblique For Prevention Of Restriction Of	318
Elevation In Abduction	
Y A Cho	
Convergence And Accommodative Insufficiency After Minor Head Trauma	319
P Cohen, J Druyanov, S Ronen, Y Rozenman	
Predisposing Factors For Late Postoperative Divergence.	320
Retrospective Data Of 968 Esotropia Cases Operated On By Bilateral Laminotomia	320
M Fodor, K Molnar	
Dissociated Horizontal Deviation (DHD): Diagnosis And Surgical Treatment	321
	321
N Garcia-Garcia, F Gomez-Villaescusa, M C Arias-Lopez	322
Jensen Procedure For Sixth Nerve Palsy	322
M Levin	227
Medial Transposition Of The Lateral Rectus Muscle In Combined Third	327
And Fourth Nerve Palsy	
Y Morad, P Nemet	
Management Of Large Angle Exotropia	328
J Raz, E Pras, C Saar, Y Stern, E I Assia	
Clinical Patterns Of Skew Deviation	329
B Rosssillion, A B Safran	
Eye Movement Auditory Biofeedback Therapy For Patients With Nystagmus	330
A Rydeberg, Y Han, K Ciuffreda	
Efficacy Of Diclofenac Versus Dexamethasone For Poststrabismus	335
Surgery Treatment	
M Snir, R Siegel, R Friling, D Weinberger	
Bilateral Type II Duane's Syndrome Revealed By Electromyographic	336
And Infrared Oculographic Features	
<u> </u>	

A Vinciguerra, A Accardo, S Pensiero, M Carrozzi, P Perissutti	
Medial Rectus Electromyogrraphic Pattern In Long Lasting Paresis	337
After Single Botulinum Toxin Injection	
A Viniguerra, A Gemma, S Pensiero, F Parentin, P Perissutti	
Strabismus Surgery Under Acupuncture Anethesia	338
H J Wisnicki	
Screening Tests For Early Detection Of Amblyopia And Strabismus	339
T Karpati, I Kaiserman, J Peler, J H Abramson, H Paly, I Hirsch,	
Y Neumark, A Mazover, L Yanko	

Transactions $26^{\rm th}$ European Strabismological Association September 2000, Barcelona, Spain

Prevalence Of Amblyopia In Sweden 1970 And 1992	3
G Lennerstrand, M Hauffman, P Jakobsson, G Kvarnstrom, A Lindeberg	
Amblyopia And Visual Impairment – The Effect On Visual Function	7
A Bruce, J A Bradbury	
Guideline For Comparability Of Occlusion Therapy In Amblyopia	10
D Friedrich	
Relative Amblyopia: Functional Chances Of Early Treatment	14
O Ehrt, K P Boergen	
Refraction Of Amblyopics After Pleoptic Treatment	18
L Lindberg, H Erkkila, A Kankainen	
Computerised Hess V Lee Screen Test In Strabismus Assessment	23
A Assaf, R Gallaher	
Random Dot Stereo Butterfly As Screening Test For Manifest Strabismus	27
J D Baker, W Mcfarlane, J Hymers, M Smith, R C Rao	
Measurement Of Cyclotorsion In Superior Oblique Palsy Surgery	31
A Perchereau, J M Hlabardier, D Lasalle	
Measuring Cycloposition In Natural Viewing Conditions With Scanning Laser	35
Ophthalmoscope Funduscyclometry	
O Ehrt, H D Schworm, K P Boergen	
Strabismologic Advice For The Refractive Surgeon	41
J T H N De Faber, M Tjon Fo Sang	• •
Oculomotor Status In Treated Monocular Congenital Cataracts	44
D Thouvenin, E Taurines, P Noblet	• •
Fells-Waddell-Rodrigues Syndrome	51
P Gomez De Liano, J Ortega-Usobiagi, B Moreno Gracia, P Merino Sanz	
The Early Vs Late Infantile Strabismus Surgery Study	57
K Unnebrink, C Bauer, G Kolling, H J Simonsz	٥,
Bilateral Posterior Fixation Suture (Faden Operation) On The Medial Recti In	61
Essential Infantile Esotropia	01
R Caputo, S Frosini, L Campa, R Frosini	
Management Of Non Refractive Accommodative Esotropia With Progressive	66
Contact Lenses In Children Who Refuse Bifocals	00
C Schiavi, C Bellusci, M Bressan, E C Campos	
Convergence Excess Esotropia – An Exploratory Approach	70
Ch Moen, I Marsh	70
Surgery Treatment Of Accommodative Esotropia	74
F Gomez, N Garcia	/ 4
Management Of Esotropia With Convergence Excess	77
A Rizk, S Sheriff	11
Is Botulinum Toxin Treatment Useful In Decompensated Microtropias?	83
I B Marsh	0.5
	86
Dissociated Horizontal Deviation (DHD): Diagnosis And Surgical Treatment	80
N Garcia Garcia, F Gomez, Villaescusa, M C Arias Lopez	0.5
Emesis In Strabismus Surgery M. Angwigner, J.G. Continuo, M. Connie Del Vella, E. Formandon Conn.	95
M Anguiano, J C Castiella, M Garcia Del Valle, F Fernandez Cano	00
Subtenons Lignocaine For Post Operative Pain Relief After Strabismus	99
Surgery In Children	
R M Sheard, J Mehta, J S Barrry, G G W Adams	102
Surgical Treatment Of Consecutive Exotropia	103
D T Sprunger, D T Hudak, M E Whitaker	107
The Imbalance Between The Horizontal Recti In Consecutive Exotropia	107
A Roth, F Huguenin	
Neuroimaging As A Diagnostic Tool In Early Onset Constant Exotropia	111

A Kipioti, R H Taylor, J Cooper, R A Smith	
Characteristics Of Saccadic Eye Movements In Grave's Ophthalmopathy	117
H D Schworm, R Bolzani, L Tallstedt, J Ygge, S Tian, A Rydberg, G Lennerstrand	
Clinical Course And Prognosis Of Diplopias After Orbital Bony Wall	121
Decompression For Thyroid Related Orbitopathy	
J L Goerge, M E Tercero, M O Cordonnier, K Angioi-Duprez, T Maalouf	
Nonadjustable Strabismus Surgery For Graves Ophthalmopathy	127
D J M Godts, P A Evens, H Smet, F De Wilde	
Recovery In Acute Traumatic Sixth Nerve Palsy	131
J H Holmes, R W Beck, K E Kip, D A Leske, PEDIG	
Inferior Oblique Palsy And Treatment Results	134
H I Altinsoy, F M Mutlu, A Bayer	
Inferior Oblique Adhesive Syndrome	138
J A Garcia De Oteyza	
Superior Oblique Palsy Treated By Quantitated Tendon Tuck	145
K Smyth, A Ansons, A Spencer	
Congenital Superior Oblique Palsy And Dissociated Vertical Deviation	149
M De Lourdes Vieira, M C Ferreira	
Negligible Subjective Extorsion And Positive Bielschowsy	155
Head Tilt Test (BHTT): So What?	
V Paris	4 70
Double Technique Of Botulinum Toxin (BT) Injection For Vertical Deviations	159
S Brogelli, G Alfieri, S Maurri, F Balestrieri, F Pinto, R Frosini	4.50
Bilateral Asymmetric Dvd Masqueurading As Unilateral Double Elevator Palsy	163
M H Younis, E Khawam, A Shoughary, S Bu Orm	1.67
Use Of Augmented Rectus Muscle Transposition Surgery For Complex Strabismus	167
E A Paysse, D K Coats, A Ross, K M Mccreery	171
Squint Surgery in The Over Sixties	171
C Bently, E Dawson, J Lee The Significance Of Court house In Producing Producing Producing	177
The Significance Of Cryotherapy In Reducing Bacterial Countduring	177
Experimental Scleral Perforation	
N Wang, D K Coats, E A Paysee, R A Saunders, P Wilson, S Rossman	101
Results Of Eye Muscle Surgery For Nystagmus Related Head Turn	181
M Graf, K Droutas, S Stuckenbrok, H Kaufmann Peaulo L stant Nystagmus: The "Peaults" Of Clocking Engine	185
Pseudo-Latent Nystagmus: The "Beauty" Of Clocking Fusional	103
Convergence At Distance A C Spielmann, A Spielmann	
Long Term Results Of Superior Oblique Elongation For Browns Syndrome	191
Ch Stolovitch, I Leibovitch, A Lowenstein, N Gottesman	191
Normal Variations Of Intraocular Pressure During Gaze Rotations	195
R Wilson, I Marsh	193
Atypical Forms Of Duane's Retraction Syndrome. A Reppraisal Of	199
The Classical Definition	1//
S B Ozkan, S Dundar, E Kir, V Dayanir	
Comparison Of Objective And Subjective Clinical Outcomes Of Patients With	205
Convergence Insufficiency	203
T A Massey	
Third Nerve Palsy And The Antipholipid Syndrome	207
D J Nolan, A Ansons, A Spencer	207
Horizontal Gaze Palsy And Scoliosis	211
A Tulin Berk, R Haluk Berk, M Bozhurt	
Consecutive Accommodative Esotropia After Bilateral Rectus Recession	216
H Basmak, N Yildirim, S Yurkdakul	0
The Mechanism Of Development In Progressive Esotropia With High Myopia	218
T Yokoyama, H Tabuchi, S Ataka, K Shiraki, T Miki, K Mochizuki	
Extraocular Muscle Changes In Grave's Ophthalmopathy-Tension Measurements	222

G Lennerstrand, S Tian, D Schworm, R Bolzani	
Normal Values For The Stimulus Accommodative Convergence To	226
Accommodation (AC/A) Ratio Measured By The Gradient Method On The	
Synoptophore	
A Y Firth, H J Griffiths, C M Leach	
When Is Surgery Indicated For Intermittent Distance Exotropia?	230
S R Richardson	
Vertical Vergence Coupled To Convergence	234
M Graf, K Weinand	
Accommodative Esotropia After Bimedial Rectus Recession	237
H Basmak, A Ozer, S Yurdakul	
The Effect Of Contact Lenses And Eye Glasses On The Phoria	241
H Basmak, F Senturk, N Yildirim, S Yurdakul	
Unilateral Anterior Transposition Of The Inferior Oblique Muscle In	245
Asymmetric Dissociated Vertical Deviation	
A Basar, H Ozdemir	
Asymmetric Inferior Oblique Overaction And Binocular Vision In Esotropia	249
V Oguz, M Yolar, H Tolun, C Dikici, K Devranoglu	
Extraocular Muscle Surgery In Dysthyroid Orbitomyopathy:	253
Influence Of Previous Treatment On Surgical Results	
V Oguz, M Yolar, H Pazarli	
One Stage Vs Two Stage Adjustable Suture For The Correction Of Esotropia	257
V L Karabas, O Elibol	
Botulinum Toxin A In Treatment Of Adherence Syndrome	262
S B Ozkan, E Kir, V Dayanir, S Dundar	
Measurement Of Torsion. A Comparison Of Different Tests	266
H M Boyce	
Disruption Of Fusion Following The Correction Longstanding Anisometropia	271
A L Spencer, A M Ansons	
Fundus Fluorescein Angiography (FFA) In Amblyopia	275
B Gokyigit, H Gungel, O F Yilmaz	
A Clinical Classification Of Duane's Syndrome	279
A Romero-Apis	

Transactions 27th European Strabismological Association June 2001, Florence, Italy

Learning from nature's wonders and errors: The synergy of the physiology and	1
pathology in the ocular motor system	
Kommerell G	
Cost Effectiveness Of Screening For Amblyopia In 3 Year Old	3
Kindergarten Children: Non-Cycloplegic Refractive Screening With	
The Nixon Retinomax Handheld Autofractor Vs Orthoptic	
Visual Acuity Screening	
HH Koenig, J C Barry	_
Paediatric Screening For Strabismus And Refractive Errors With	7
MTI Photocreener And Tomey VIVA Infrared Photofractor	
H Basmak, A Ozer, N Erol, S Yurdakul	
Occlusion Versus Atropine: The Amblyopia Treatment Study	9
#1 Design And Methods	
J M Holmes, M X Repka, R W Beck,	
Amblyopia Treatment Initiated After Age 10 Years: Our Experience	13
L Casino, G Giunchiglia, S Sottosanti, H Slavia, D Morreale, S Damiani	
Contact Lenses In The Management Of High Anisometropic Amblyopia	15
C J Roberts, G G W Adams	
Teen Age Visual Acuity In Treated Amblyopic Elderly Children	19
A Piantanida	
Monocular Clues In Seven Commonly Used Stereoacuity Tests	25
G R Laroche, S Connick, J Maccarron, P Peters, E Hahn	
A Modified Method For The Reliable Assessment Of Uniocular	27
Fields Of Fixation (UFOF)	
H Haggerty, S Richardson, K Mitchell, A J Dickenson	•
How close Do Patients, Orthoptists And Ophthalmologists Need To Be?	29
E Dawson, C Kennedy, C Bently, J Lee, I Murdoch	2.0
Frisy Davis Distance Stereotest (FD2)	33
JPDH Frisby, BC Walters	
Objective Evaluation And Perceptive Effects Of The Cyclotorsional	37
Component In Vertical Non-Comitant Strabismus	
C Aleci, L Sciandra, L Tonini, R Gallo, M Piccolo, C Bredariol, M Musso	4.1
Standardized Echographic Features In Fadenoperation	41
E Chiosi, G Cennamo, A La Rana, M A Breve, A Chiosi	4.7
Longitudinal Study Of Refraction In A Strabismic Population	47
A Perchereau, F Oger-Lavenant, M A Quere	~ 1
The Incidence Of Visual Dysfunction In Children With Reading Problems	51
D Godts, M J Tassingnon	~ .
The Presenting Profile Of Paediatric Idiopathic Intracranial Hypertension	55
F J Rowe, C P Noonan	50
Neuro-Ophthalmological Findings CVI	59
P E Bianchi, E Fazzi, C Uggetti, W Misefari, C Bertone, R Guagliano,	
G Ruberto, S Signorini, A Bianchi, F Trimarchi	60
Contrast Sensitivity Evaluation Function In Children With Severe	63
Visual Impairment And Its Effects On their Functional Ability	
A P Siddiqui, A Rydberg	65
Static External Ophthalmoloplegia	67
M Neufeld, Y Shapira, A Lossos	<i>(</i> (
A Cascade Of Multiple Aberrant Innervation In One Eye	69
C Pieh, M Luthi, O Job, I Schipper, A B Safran	73
Consecutive "A" Alphabetical Patterns After Customary Weakening	73
Surgery Of The Inferior Oblique Muscles To Correct Elevation In Adduction In Essential Infantile Esotropia	73
AUGUCHOH III ESSEHUAI IIIIAHUIC ESUUUPIA	

C Schiavi, C Bellusci, A Duca, E C Campos	
Clinical Characteristics Of Microtropia	77
S Tomac, E C Sener, A S Sanac	
Ocular Alignment Results After Multiple Surgery For True Congenital Esotropia	81
M Levin, K Palumaa	
Combined Resection And Recession Of The Medial Rectus Muscle For The	85
Treatment Of Convergence Excess Esotropia	
K Armstrong, A Inglis, M Halliwell, I Marsh, M Kronfli, C Noonan	
Role Of Near Reflex On Masking The Near Angle Of Intermittent Exotropia	89
And Effect Of Bimedial Recti Resection On The Diatance/Near/ Differences	
A Rizk	
Intermittent Exotropia With Convergence Excess	93
A Roth, B Rossillion, L Delarue, F Huguenin	
Subjective Correlates Of Dissociated Vertical Divergence	99
M C Brodsky	
Further Evidence That DVD Serves To Damp Block Latent Nystagmus	101
D L Guyton, D S Zee	
Dissociated Horizontal Deviations (DHD): Terminology, Diagnosis And Etiology	105
M Graf	100
Convergence Insufficiency: Base-In Prisms To Improve Asthenopia	109
And Reading Speed, Accuracy And Comprehension	
M Stavis, M Murray, P Jenkins, R Wood, B Brenham	
The Role Of Botulinum Toxin In The Management Of Near Reflex Spasm	117
A Mcintyre, J Lee	111
Repeated Use Of Botulinum Toxin In The Treatment Of Convergence Spasm	121
C P Noonan, A B Dillon, J Swift, F J Rowe, R Gandhewar, I B Marsh	
Angle Deviation Changes In Early And Late Postoperatory Following	127
Strabismus Surgery	
L Sabetti, R Fasciani, P Pantaleoni, S Mosca, M Callipo, F Colas Ante	
The Long Term Results Of Cosmetic Aimed Strabismus Surgery	133
B Gokyigit, A Hamis, Y Kucuksumer, Of Yimaz	
Topical Anesthesia In Strabisum Surgery	137
A Zanoni, E Racano	
Effect Of Droperidol Dosage On Postoperative Emetic Symptoms	141
Following Pediatric Strabismus Surgery	
S J Isenberg, S W Stead, C D Beatie, M A Keyes	
Treatment Of Progressive Esotropia Caused By High Myopia –	145
A New Surgical Procedure Based On Its Pathogenesis	
T Yokoyama, S Ataka, H Tabuchi, K Shiraki, T Miki	
Muscle Path Surgery In The Strabismus Of High Myopia:	149
Report On Four Cases	
G B Macron	
A Neurologic Basis For Primary Oblique Muscle Overaction	157
M C Brodsky, Sp Donahue	
Maximal Recession Of Inferior Oblique Muscle In Strabismus Sursoadductorius	159
O Ehrt, Y Bekl, K P Boergen	
The Efficacy Of Superior Oblique Split Z Tendon Lengthening For	163
Superior Oblique Overaction	
J D Baker, C Bardorf	
Surgical Effect Of Bilateral Harada-Ito Procedure	169
S A Quah, R Haslett, I Marsh	
Modified Harada-Ito Procedure In Bilateral Superior Oblique Paresis	173
C Roberts, E Dawson, J Lee	
Long Term Follow Up Of Subjective And Objective Cyclorotatory	177
Changes After Surgery Of The Oblique Eye Muscles	
H D Schworm, P Sauter, O Erht, G Rudoplh, K P Boergen	

Botulinum Toxin Injection Witout Electromiographic Assistance E Chipont, P Garcia-Hemosa, M T Arrazola, J M Ruiz-Moreno, J L Alio	183
Lidocaine Gel Using In Toxin Botulinum Toxin Therapy On Anomalies Of Ocular Movements In Subjects Affected By Cervical Dystonia M L Le Lez, A Arsene, M Ranguin, M Santallier, C Rossazza	187
Effect Of Botulinum Toxin Therapy On Anomalies Of Ocular Movements In Subjects Affected By Cervical Dystonia	189
S Brogelli, R Frosini, S Maurri, G Alfieri Botulinum Toxin Type-A Injection Associated With Surgical Treatment In	191
Large Angle Strabismus L Sabetti, P Pantaleoni, L D'alessandri, C Gallo, K Quattrociocchi, E Balestrazzi	105
Role Of Botulinum Toxin A In Management Of Acquired Loss Of Fusion S B Ozkan, V Daynir, E Kir, I Akyuz, Potulinum Toxin Thorany In Prodictric Ecotropics Bigk Factors For Failure	195 199
Botulinum Toxin Therapy In Paediatric Esotropia: Risk Factors For Failure V Hauviller, S Gamio, A Tartara Pharmacological Denervation In The Treatment Of 6 th Cranial Nerve Palsy	203
Plantiacological Denervation in The Treatment Of 6 Chantal Nerve Palsy P Calace, T De Berardinis, G Cortese, V Garliardi, A Magli The Incidence Of Disruption Of Binocular Functions Following Macular	203
Off Retinal Detachement JES White	209
Analysis Of Binocular Function Before And After Macular Hole Surgery L Graham, K Mishkandari, E Ezra, J Sloper, Z Gregor	211
Recession Of Inferior Rectus Muscle With Adjustable Loop Suture Using Topical Anesthesia In Dysthyroid Ophthalmopathy	215
S Kose, S Emre, O Uretmen, K Pamukcu Our Experience In The Treatment Of Diplopia After Orbital Decompression For Dysthyroid Ophthalmopathy	219
V Russon, A Spagnoli, A Ercole, N Delle Noci Early Surgery In Dysthyroid Orbitomyopathy Based On MRI Findings	221
M Yolar, V Oguz, H Pazarli, H Yetik, S Ozkan Thyroid Extra-Ocular Muscle Surgery A S Jacks, G G W Adams	225
Aberrant Regeneration Following Post-Traumatic Third Nerve Palsy: Clinical Pattern And Critical Approach Of The Pathogenic Hypotheses B Rossillion, F Huguenin, K Chaloupka, A B Safran	231
Myelomeningocele And Strabismus A Dickman, C Rendeli, A Salerni, M V Stella, S Russon, E Salvaggio	233
Oculomotor Disorders In Cerebral Visual Impairment (CVI) R Salati, P Nicolini, R Borgatti, G Giammari, F Polenghi	237
Surgical Treatment Of Ptosis In Chronic Progressive External Ophthalmoplegia V Garliardi, P Calace, T De Berardinis, P Vassallo, M Capasso Barbato, A Magli	241
Active Management Of Exotropia Due To Brainstem Disease C R E Dawson, J Lee	245
Vertical Muscle Surgery For Acquired Nystagmus A Tripathi, I B Marsh	251
Artificial Divergence Surgery And Myopic Shift A C Spielmann	253
Diplopia As A Complication Of sinus Surgery : A Presentation Of Four Cases C Kingma-Wilschut, R J Grootendorst, W Visscher, J T H N De Faber	257
Strabismus Following Endoscopic Orbital Decompression For Thyroid Eye Disease C J Roberts, G G W Adams, V J Lung	261
Late Onset Acquired cyclic Strabismus. Ophthalmological And Saccadic Eye Movements Features G Savino, M T Rebecchi, A Dickmann	265
Genetic, Clinical And Surgical Data Of Affected Members Of A	269

Classic CFEOM1 Family	
A Magli, T De Berardinis, N Mcintosh, E C Engle, G M Greco, V Gagliardi	
Strabismus And Binocular Function In Children With Autism	275
S Arsene, D Damie, M L Le Lez, M Santallier, P Lenoir, D Suavage	
Age Of The Emergence Of Negative Attitudes Towards Strabismus	277
E A Paysse, D K Coats, E A Steele, K M Brady Mccreery, K R Wilhelmus	
Duane Retration Syndrome And Binocularity	281
B Gokyigit, H I Demirkale, S Bozkurt	205
Anterior Plagiocephaly And Strabismus	285
A Dickmann, N Gianfrancesco, A Mancini, G Savino, F Velardi, C Di Rocco How Heavy Is The "Heavy Eye"?	289
JTHN De Faber, E Pels, E C Van Noort, MGH Tjon-Fo Sang	209
Asthenopia In School Children, Orthoptic And Ophthalmological	295
Evaluation And Effect Of Treatment	273
S Abdi, A Rydeberg, S Golchin	
The Effectiveness Of Inferior Rectus Recessions In Graves Ophthalmopathy	299
L Baker, A M Ansons	
Screening For Amblyopia In 427 3 Year Old Kindergarten Children:	303
Non-Cyclopegic Refractive Screening With Nikon Retinomax Handheld	
Autofractor Vs Orthoptic Visual Acuity Screening	
J C Barry, H H Koenig	
Paralytic Strabismus Surgically Corrected With An Orbital Anchoring Suture	305
A Bates, A Ansons, J Noble	
Electronic Baropodemetry In The Surgery Of Ocular Torticollis	309
M Bellizi, M Ranieri, G Rizzo, U Procoli, G Megna, N Ciccolella, G Bellizi	211
Double Elevator Palsy And Marcus Gunn Jaw Winking Ptosis	311
K G Borboridis, N G Ziakas, J Zaragoulidis, N S Georgiadis, N T Stangos Primary Position Evaluation In Three Dimensional Measurements	313
R Bolzani, J Ygge, M Benassi, G Lennerstrand	313
The Easiest Way To Turn The World Back To Normal. Unilateral	317
Horizontal Transposition Of The Inferior Rectus Muscle For Excyclotropia	317
Under Local Anaesthesia	
M A G Bouten-Wijnhoven	
Results Of Electorstimulation Of Extraocular Muscles In The Treatment Of	319
Children With Strabismic Amblyopia	
I M Boychuck, T M Serebrina	
Case Report: The Heavy Eye Syndrome	321
C Brozou, B Rossillion, L Delarue, A Ben Ayed, A B Safran	
Qualification Of Needle Suture Contamination Following Strabismus Surgery	323
D K Coates, E A Paysse, T S Carothers, K M Brady-Mccreery, S Rossman,	
T Wu, B M Mitchell	225
Earley Intraocular Inflammation After Strabismus Surgery Measure With	325
The Laser Flare E. Chinent Benchent, B. Correio Harmone, M.T. Arroyala, H. Alio V. Sanz	
E Chipont Benabent, P Garcia-Hermosa, M T Arrazola, J L Alio Y Sanz The Management Of Intermittent exotropia	329
M Di Pietro, F Castorina	329
Did Bishop Tommaso Inghirami Really Squint?	333
B De Vries	333
Assessment Of Ocular Cyclo-Torsion Using Digital Fundus Imaging	335
B Fahad, A Anson	000
Conjunctiva Closure In Strabismus Surgery	339
B Gokyigit, S Bozkurt, H I Demikale	
Long Term Results Following Treatment For Threshold Disease In Retinopathy Of	343
Prematurity	
L Gnanaraj, R Brennan, D G Cottrell	
Test-Test Reliability Of The Logmar Crowded Acuity Test	345

J Henderson, S Richardson, M Clarke, A Kostakis	
Sub Tenons Bupivacaine For Post Operative Analgesia	347
A Jacob, A Waite, J Bembridge, J A Bradbury	
Changes In Binocular And Monocular Near Point Of Accommodation In	349
Patients With Convergence Insufficiency	
T Massey	
Unilateral Recession And Resection In Duane Syndrome	353
Y Morad, S P Kraft, J L Mims	
Airedale Orthoptic Vision Screening. Treatment Outcomes Of Children	355
Referred At 1.5 Years And 3.5 Years Of Age	
L Mulley, A Bruce, J A Bradbury	
Consecutive Exotropia Following Strabismus Surgery	357
V Oguz, S Arvas, M Yolar, N M Kizilkaya, H Tolun	
Measurement Of The Angle (Conversion From % To Degrees)	361
A Perchereau, B Sohoua	
Diplopia Following Orbital Decompression – Predominantly A Transient Problem?	363
H Price, L William, J L Noble	
Multidisciplinary Approach To Orthoptic Vision Screening	367
R Robinson, P Wilkinson	
Sensory Outcome Of Surgically Treated Primary Constant Exotropia	369
A L Spencer, A M Ansons	
Sub-Tenons Bupivicaine for Post-Operative Pain Control In Strabismus Surgery	373
D T Sprunger, D A Plager, D E Neely, N Shondhi	
Re-Evaluation Of The Irvine Prism Test	377
S Tomac	
Occlusion Therapy For The Treatment Of Amblyopia. Letting Parents Decide	381
A Tripathi, N P O'donnell, R Holden, C Noonan, L Johnson, S B Kaye	
Botulinum Toxin Management Of Essential Infantile Esotropia In Children:	383
Long Term Results	
A Vinciguerra, P Perssutti, S Carlentini	
Botulinum Toxin Management Of Esotropia In Children With Cerebral Palsy	387
A Vinciguerra, S Pensiero, C Cordaro, P Perissutti, S Carlentini	
Therapeutic Limits In Exo-Duane Retraction Syndrome	391
C Vladutiu, M Fontul	
A Comparison Of Ocular Motility Disturbance Following 2 And 3 Wall Orbital	393
Decompression	
L Williams, H Price, J L Noble	
I Type Duane's Retraction Syndrome: Evaluation Of The Adduction Saccades	397
G Savino, D Di Nichola, A Salerni, L Scullica, A Dickmann	
Disparity Vergence Response In Arc Patients: Dominant And Non Dominant Eye	401
A Dickmann, G Savino, N Gianfrancesco, L Scullica, D Di Nichola	

Transactions 28^{th} European Strabismological Association 19-21 June 2003, Bergen, Norway

The implementation Of Primary Orthoptic Vision Screening	3
For 4-5 Year Old Children In Inner City Bradfrod	
L Mulley, A Bruce	
Vision Screening In 3 Year Old Children. Comparison Between The Lea	7
Symbol Chart And HVOT (LM) Chart	
G Kvamstrom, P Jakobsson, G Lennerstrand	
Vision Screening Program For 4 Year Old Children	11
A Yaman, A T Berk, M Erbezci, C Ergor	
With An Eye On Vision Screening In The Netherlands. Rotterdam	15
Amblyopia Screening Effectiveness Study (RAMSES) Up To Date	
V K Lantau, J H Groenewood	
New Guidelines For Screening Of Vision In Children In Norway	21
T Christoffersen & J Wirsching	
The Relationship Between Stereopsis And Visual Acuity After	27
Occlusion Therapy For Amblyopia	
S Y Lee, S J Isenberg	
Citicoline Treatment Of Amblyopia In Elderly Strabic Children	33
A Piabtanida	
Contrast Masking And Spatial Frequency Properties Of Contour	39
Interaction In Normals And Amblyopes	
O Ehrt, R F Hess	
Rapid Monocular Adaption Of Saccade Amplitude In Constant Strabismus	45
H J Griffiths, D Buckley, J P Whittle	
Synkinesis Of Vergence And Accommodation In Accommodative Esotropia	51
M Dostalek	
Isometric Force Development Of Single Horizontal Eye Muscle In	51
Esotropia And Exotropia	
C Schiavi, R Bolzani, G Lennerstrand, S Tian, M G Benassi, N Longo, E C Campos	
Introduction Of The 2003 ESA Lecturer Professor Gunnar Lennerstrand	63
E C Campos	
What Can Eye Muscle Studies Tell Us About Strabismus?	65
G Lennerstrand	
Effect Of Off-Axis Retinoscopy On Objective Refractive Measurement	79
E A Paysse, D W Jackson, K R Wilhelmus, M A W Hussein, G Rosby, D K Coats	
Interrelation Of Optokinetic Nystagmus Response And	83
Recognition Visual Acuity	
S Oto, A Cetinkaya, A Akman, Y Akova,	
Observational Analysisis Of Nystagmic Oscillation By	85
Two-Dimensional Video-Oculography	
R Frosini, L Frosini, P Linari, S Frosini, S Brogelli, G Alfieri	
Stereoacuity Norms For The Frisby Davis Distance Stereotest At Different Distances	87
H Davis, J P Frisby, J Hole, L Baker	
Stereoacuity Is Not Always The Best Measure Of Control	91
JES White	
Latent Nystagmus: Is The Eye An Accessory Vestibule?	97
M C Brodsky	
Saccadic Eye Movements In Thyroid Associated Ophthalmopathy	99
G Lennerstrand, H D Scworm, J Ygge, R Bolzani, S Tian, L Tallstedt, A Rydeberg	
Classification Of Control In Intermittent Exotropia	103
B G Mohney, J M Holmes	
The Evaluation Of Office Control In X (T): A Systematic Approach	109
J L Petrunak, R J Rao, J D Baker	
Exotropia In Infancy: Management Experience At	113
· · · · · · · · · · · · · · · · · · ·	

Manchester Royal Eye Hospital UK	
B Fahad, S Biswas, C Lloyd	
The Accommodative-Convergence Complex – A Review	115
R L Brautaset, J A M Jennings Etiology Of Accommodative Esotropia – Current Concepts	121
O H Haugen	121
The Role Of Bifocals In The Management Of Accommodative Esotropia	125
G Holmstrom	123
Outcome Of Treatment In Accommodative Esotropia –	127
How Often Do We Restore Binocular Vision?	
L Lindberg	
A Study On The Treatment Of Convergence Insufficiency	135
F F Naqui, A Bruce, J A Bradbury	
Binocular Vision Problems After Refractive Surgery	137
D J M Godts, M J Tassingnon, L Gobin	
Refractive Surgery And Binocularity	143
A Dickmann, P Valente, M T Rebecci, G Savino, A Salerni, L Buzzoneti	
Strabismus After Treatment Of Unilateral Congenital Cataracts.	147
A Clinical Model For Strabismus Physiopathogenesis?	
D Thouvenin, S Nogue, L Fonts, O Norbert	152
Strabismus In Pediatric Cataract	153
J T H N De Faber, M J Tjon Fo Sang Combined Strabismus And Cataract Surgery In Adults	157
N G Ziakas, K Boboridis, N S Georgiadis	137
The Early Vs Late Infantile Strabismus Surgery Tudy: First Results	163
K Unnebrink, C Bauer, G H Kolling, H J Simonsz	100
Hardly Any Difference Between Bilateral Recession (BR)	165
And Unilateral Recession Resection (RR): Results Of A Controlled,	
Prospective, Randomized Multicentre Study	
J R Polling, M J C Eijkemans, J Esser, B Lieb, G H Kolling, E Schulz, B Lorenz,	
P Roggenkamper, V Herzau, A Zubcov, M P M Ten Tusscher, D Wittebol-Post,	
G C Gusek, H J Simonsz	
The Effect Of Seprafilm On Adhesions In Strabismus Surgery-	167
An Experimental Study	
S B Ozkan, E Kir	172
Antinomic Deviations: Esodeviation Associated With Exodeviation A C Spielmann, A Spielmann	173
Comparison Of Modified Anchored 'Hang-Back Technique' (HBT)	177
With Conventional HBT In Bi-Medial Rectus Recession (BMR)	1//
A K K Chung, S U Rehman, J A Bradbury	
Parameters To Calculate The Amount Of Conventional Eye Muscle Surgery	179
A Roth	
Early Onset Strabismus, DVD And A Pattern : Efficacy Of The Superior	185
Rectus Recession	
V Paris	
Does Botulinum Toxin Have A Role In The Treatment Of Small Angle Esotropia?	191
E L M Dawson, V Geh, J P Lee	
Esotropia In Paediatric Aphakia Patients: The Role Of Botulinum Toxin	193
V Hauviller, S Gamio	107
Levator Denervation For Upper Lid Retraction Secondary To 7 th Nerve Palsy	197
K G Boboridis, N G Ziakas, N G Georgiadis The Heaful Of Retulinum Towin Type A. In The Treatment Of Chronic	201
The Useful Of Botulinum Toxin Type-A In The Treatment Of Chronic Sixth Ocular Nerve Palsy	201
L Sabetti, L D'alessandri, K Salvatori, E Balestrazzi	
Quantitative EMG Of EOM In Patients With Congenital Fibrosis Of	205
The Extraocular Muscles (CFEOMI)	

C Schiavi, C Bellusci, E C Campos The Surgical Indications And Outcome Of Superior Oblique Tendon Spacers V S Y Geh, E Dawson, J P Lee Evaluation Of Binocular Visual Function With Electrophysiologic 21 And Psychophysic Test In Brown Syndrome O Uretmen, F Afrashi, S Kose, E Unsal, K Pamukcu Results Of Superior Oblique Tenotomy For A Pattern Strabismus Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	15 17 19
Evaluation Of Binocular Visual Function With Electrophysiologic And Psychophysic Test In Brown Syndrome O Uretmen, F Afrashi, S Kose, E Unsal, K Pamukcu Results Of Superior Oblique Tenotomy For A Pattern Strabismus Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	17 19 27
And Psychophysic Test In Brown Syndrome O Uretmen, F Afrashi, S Kose, E Unsal, K Pamukcu Results Of Superior Oblique Tenotomy For A Pattern Strabismus Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	17 19 27
O Uretmen, F Afrashi, S Kose, E Unsal, K Pamukcu Results Of Superior Oblique Tenotomy For A Pattern Strabismus Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	19 27
Results Of Superior Oblique Tenotomy For A Pattern Strabismus Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	19 27
Measured With Two Methods A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	19 27
A Maino, A Ansons Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	27
Inferior Oblique Muscle Function: Correlation Between Scleral Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	27
Insertions Of Inferior, Lateral Recti And Inferior Oblique Muscle	27
And Clinical Function Ofinferior Oblique Muscle	
D Denis, E Hadjadj, J Conrath, C Benso	
	٠,
S L Robbins, W K Christian, E F Castro, D B Granet	
Management Of Adherence Syndrome Following Inferior Oblique Surgery 23 P. L. Pouten, F. L. M. Davison, J. P. L. o.) 1
B J L Burton, E L M Dawson, J P Lee Changes In Incomitance In Acquired Unilateral 6 th Nerve Palsy 23	20
L Garnham, J P Lee	כנ
Limitation Of Opposing Ductions Following Augmented Horizontal 24	13
Rectus Muscle Transposition	T.J
D K Coats, M A W Hussein	
6 th Nerve Palsies As Isolated Mononueropathies In Patients With	17
Multiple Sclerosis	.,
J A Gonzales-Martin, V Trimbel, G Kyle, I B Marsh	
The Natural History Of Brainstem Ocular Motility Disorders Due To	49
Vascular Pathology	
F J Rowe, C P Noonan	
Long-Term Follow Up After Vertical Rectus Muscle Transposition And 25	55
Botulinum Toxin For 6 th Nerve Palsy	
G M Wirth, K Landau	
New Methods For Quantifying Severity Of Doplopia 25	57
J M Holmes, M J Kupersmith	
Management Of Large Vertical Deviations In Thyroid Eye Disease 26	51
C Weir, A Ansons	
Dosage Of Eye Muscle Surgery In Endocrine Orbitopathy 26	55
K P Boergen, G Rudoplh, O Ehrt, P Kalpadakis	
Bilateral Duane's Syndrome Type I In Siblings: Case Report	/1
C Schiavi, M Fresina, F Quagliano, E C Campos	
An Unusual Cause Of Diplopia As The Presenting Sign Of Breast Carcinoma 27	/ /
M Spiritus, A Boschi, M C Many, A Finck, A Escarmelle, C Lefebvre,	
T Duprez, P Van Den Berg, P Kamgang Semeu, J Klastersky, M Wirix, C Daumerie	
	02
Acquired Distance Esotropia Associated With Myopia H A Webb, J P Lee	33
The Eso Trend Following Heroin Detoxification 28	20
A Y Firth, S Pulling, M P Carr, A Y Beaini	"
Principles In Training For Subspeciality Ophthalmic Care In 29	91
Developing Countries	
T O Paul, R S Foster, B Black	
Management Of Motility Disorders In Patients With SC Type 3 29	95
T B Kerkhof, E R P Brunt, J W R Pott	
The Development And Treatment Of V Pattern And Upshot In Adduction In 29	99
Cyclic Esotropia	
J W R Pott, T B Kerkhof, D Godts, J T H N De Faber	
Thyroid Ophthalmopathy Manifesting As Superior Oblique Paralysis 30)3

V Oquz, M Yolar, H Pazarli, S Ozkam	
Factors Influencing Success Of Botulinum Toxin Treatment In Exotriopia:	307
Preliminary Results	
A Vindguerra, T Liberali, P Michieletto, C Cordaro, P Perissutti	
Ocular Oscillation And Visually Dependent Postural Control In	309
Congenital Nystagmus	
G Savino, A Salerni, D Colucci, M Manzulli, F De Rossi, A Dickmann	
Prediction Of Visual Outcome After Treatment In Children With Amblyopia In	315
Dependence Of Initial Monocular And Binocular Function	
I M Boychuk	
Idiopathic Progressive Strabismus Fixus In The Absence Of Significant Myopia 319	
M K Raynor, A Maino, A Ansons	
Long-Term Results Of Augmented Surgery For Partially Accommodative Esotropia	323
S Park, D Jee, M Park	
Clinical Risk Factors And Treatment Of Convergence Insufficiency	325
Pattern Consecutive Exotropia	
H T Lim, H Ahn	
Vertical Retraction Syndrome	329
J P Matthews, A Ansons	
Ocular Motility Disorders As A Complication Of Baeveldt Implant	331
F J Noordhuizen, W Triemstra, J T H N De Faber	
About A Case Of Acquired Brown's Syndrome, After Insect Bite	333
F Ribaudeau-Saindelle, A Perchereau	
Binocular Vision After Refractive Surgery I Hyperopic Patients	337
R G De Liano, E Pierdrahita, A Arias-Puente	
The Results Of The Systemic Treatment Of Binocular Vision And Of	343
Amblyopia I Children With Eccentric Fixation	
T Baranowska-George, L Puchalska-Niedbal	
Refraction Over Cycloplegia: 2 Vs 3 Eyedrops Use Of Cyclopentolate	345
L Sellami, M L Le Lez, A Denoyer, M Santallier, P J Pisella, A Arsene	
Congenital 3 rd Nerve Palsy In Septo-Optic Dysplasia (De Morsier Syndrome)	347
A Langmann, S Linder	
Orbital Fracture Referrals: Outcome Results	351
M L Pedersen	252
The Early Natural History Of Acquired Non-Accommodative Esotropia	353
B G Mohney, A S Kitzmann	255
Visual Conversie Syndrome Disorder: A Case Report	355
E Lala, M L Le Lez, J Malvy, F Madern, P J Pisella, S Arsene	257
E M A N (Eye Movement And Accommodation Analyzer) Device For Vergence	357
Accommodation Synkinesis Recording And Analysis	363
Clinical Features Of Isolated Inferior Rectus Paralysis A Yaman, A T Berk	303
Infantile Orofacial Hemangioma With Ipsilateral Peripapillary	371
Excavation In Girls – A Variant Of PHACE Syndrome	3/1
C Kniestedt, M C Brodsky, P North, M Warner, K Landau	
The Outcome Of Strabismus Surgery In patients With Grave's	373
Ophthalmopathy Without Prior Orbital Decompression	313
D L T Donker, J T H N De Faber, J A M Van Everdingen	
A Model For The Prediction Of Outcomes Of Recession/Resection	377
Surgery For Primary Constant Esotropia	311
A Kailasanathan, S Mirza, R D Brown	
Globe Preserving Treatment Of An Unilateral Retinoblastoma By	381
Brachychemoradiotherapy	501
G Langmann, A Langmann, P Sovinz, C Urban	
The Dragged-Fovea Diplopia Syndrome	385
D L Guyton, M E De Pool, S O Broome	200

Binocular Outcome Of EOM-Surgery For Esotropia With Onset	387
Later Than One Year Of Age	
E Schulz, B Schmal, A Fell, K Rettig	
Correlation Between Asthenopic Symptoms And Different	389
Measurements Of Convergence And Reading Ability	
Y Morad, O Segal, R Lederman, D Atzmon, E Azoulay, I Avni	
Duane's Retraction Syndrome – Case Report	391
S Pelle, A Sallai, K V Kis	
Acute-Onset Adult Esotropia: Bielschowsky Type	
I Perez, M Fernandez	

Transactions 29^{th} European Strabismological Association 1- 4^{th} June 2004, Izmir, Turkey

Effects Of Early And Late Onset Strabismic Amblyopia On	3
Magnocellular And Parvocellular Visual Function	
J Sloper, A Davis, M Neveu, C Hogg, M Morgan, G Holder	
MRI Measurements Of Horizontal Rectus Muscle In Esotropia:	7
The Role Of Amblyopia	
F Mehmet Mutlu, G Dincer, H Durukan, T Mumcuoglu, H Ibrahim	
Combined Optical And Atropine Penalization In Treatment Of Amblyopia	11
S Zrylan, O Yabas, D Sein	
Telescopic Spectacle Therapy In Amplyopia And Its Efficacy In Cases	15
Over 9 Years Of Age	
U Arslan, H Atilla, A Idil, N Erkam	
Treatment Of Anisometropic Amblyopia With No Or Minimal Patching	21
O M Hakim, K W Wright	
Binocular Functions In Pseudophakic Patients In Early Postoperative Period	29
I Akyol-Salmon, M Arslankurt, O Dursun, A Yazici, O Baykal	
The Age-Related Decline In Stereopsis As Measured By Different Stereotests	33
L Garnham , J Sloper	
Botulinum Toxin For Strabismus Treatment In Brain Injury Patients	41
S Moguel	
Botulinum Toxin A Injection In Acute Complete 6 th Nerve Palsy	45
M R Talennejad, A Alavi, A Attarzedeh	
The Role Of Botulinum Toxin A In Augmentation Of The Effect Of	49
Recess Resect Surgery	
A S Topaloglu, S B Ozkan, S Aydin	
Does Botulinum Toxin Have A Role In The Treatment Of Secondary Strabismus?	53
E Dawson, A Sainari, J P Lee	
Evaluation Of The Effect Of Strabismus Surgery On Retrobulbar	57
Blood Flow With Doppler US	
A Ipek Akyuz Unsal, A Unsal, S B Ozkan, C Z Karaman	
Computer Assisted Parents Vision Screening In Children	61
M Altieri, S Chatterjee, A Gibson, P Addison, A Assaf	
Acquired Neurological Nystagmus: Clinical And Surgical Approach	65
A C Spielmann	
Strabismus Surgery Under Topical Lidocaine Gel	71
O M Hakim, Y G El-Hag	
When Should The Amount Of Surgery Be Adjusted During	77
Conventional Muscle Surgery?	
A Roth, C Speeg-Schatz	
Non-Absorbable Sutures Should Be used For Adjustable Inferior	81
Rectus Muscle Recessions	
C F Parsa, M Sultan-Sanjara, D L Guyton	
Metabolic Changes In Brain Related To Strabismus Registered By Brain SPECT	87
S Moguel, L Orzco	
Histological Analysis Of The Efferent Innervation Of Human	91
Extraocular Muscle Fibres	
I B Kjellevold Haugen, J R Breunech	
Effect Of Refractive Surgery On Ocular Alignment And Binocular	95
Vision In Patients With Manifest Or Intermittent Strabismus	
D J M Godts, J Claeys, P Schraepen, M J Tassignon	
Diplopia And Strabismus After Refractive Surgery	99
R Gomez De Liano, G Franco Iglesias, P Gomez De Liano	
Does The Bilateral Inferior Obliques Anterior Transposition	105
Influence The Amount Of Surgery On The Horizontal Muscles?	

D Cioplean, L Teodorescu Efficacy Of The Anterior Transposition Of The Inferior Oblique As A Secondary Procedure In Cases Of Recurrent DVD	109
V Paris Mechanical And Histopathological Effects Of ADCON – L Conventional And Polymercoated Liposomes In An Experimental Strabismus Surgery	113
Model	
B Sonmez, S Gedik, C Karaka, E C Sener, A S Sanac, T Eldem	
Outcomes Of Surgery For Vertical Strabismus In	117
Thyroid-Associated Ophthalmopathy	117
A C Bates, G G W Adams, J F Acheson, J P Lee	
Surgical Finding In Brown's Syndrome	121
S Akar, B Gokyigit, K Gok, O F Yilmaz	121
A New Surgery Technique In Brown's Syndrome	125
B Gokyigit, S Akar, O F Yilmaz	125
Long Term Outcome Of Silicone Expander For Browns Syndrome	131
H K Keskinbora, N K Pulur	131
Outcome Of Strabismus Surgery In Congenital Fibrosis Of Extraocular Muscles	135
(CEOEM)	100
E C Sener, B T Ozturk, A S Sanac	
Surgical Management In A Newly Identified CFEOM/Postaxial	137
Oligo-Syndactyly Syndrome	10,
A Gezer, T Tukel	
Superior Obliquepalsy: A Ten Year Survey	143
M Farvardin, A Alavi	
Results Of Different Surgical Procedures In Superior Oblique Palsy	147
S Akar, B Gokyigit, P K Hekimhan, O F Yilmaz	
How Predictable Is Muscle Surgery In Superior Oblique Palsy?	153
L Teodorescu, D Cioplean	
Anterior Transposition Of The Inferior Oblique Muscle For Treatment	155
Of Unilateral Superior Oblique Palsy With 16to 25 Prism Dioptres	
Hyperdeviation In Primary Position	
M Farvardin, A Atarzadeh, A Alavi	
Familial Congentital Superior Oblique Palsy	159
M Farvardin, A Banihasemi, M Saadat	
Surgical Results Of Lateral Rectus Muscle Recession In Intermittent	165
Exotropia In Children	
R Venkateshwar Rao, J Singh, M K Aasuri	
Outcomes Of Consecutive Exotropia Surgery	169
A C Bates, H Newman, C Hayden, J P Lee	
Surgical Anchorage Of The Lateral Rectus Muscle To The Periostium	173
Of The Orbit: A New Tool To Tackle Retraction In Duane Syndrome And	
Exotropia In 3rd Cranial Nerve Palsy	
C Shiavi, C Bellusci, M Fresina, E C Campos	
Excessive Recession Of Horizontal Rectus Muscles In Surgical	177
Treatment Of Congenital Nystagmus	
M Dogan, S Akar, B Gokyigit, O F Yilmaz	
Impact On Deviation In Primary Position Of Vertical Shift Of	181
Horizontal Recti Muscle Insertion	101
R Dell'omo, A Salerni, S Petroni, L Guccione, G Savino, A Dickmann	
Use Of Augmented Transposition Surgery For Complex Strabismus	185
H I Altinsoy, F M Mutha, Y Uysal, S Celebi	- 30
Binocular Functions In Anisometropic And Strabismic Anisometropic	191
Amblyopes	-, -
I Aykol-Salmon, Y Karabea, O Baykul	
Thickness Of The Retinal Nerve Fiber Layer And Macular Thickness And	195
•	

Volume In Patients With Strabismuc Amblyopia	
Evaluation Of Intranasal Midazolam In Young Strabismic Children Undergoing	199
Refraction And Fundus Examination	
O Altintas, V L Karabas, G Demirci, I Onur, Y Caglar	
Dissociated Vertical Deviation And Its Relationship With Time And	203
Type Of Surgery In Infantile Esotropia	
U Arsln, H Atilla, N Erkam	
Ocular Abnormalities Associated With Cerebral Palsy	207
H Atilla, F Batioglu, E Can, N Erkham	207
Alexander The Greats Abnormal Head Posture Due To Brown's Syndrome?	211
B De Vries	211
Role Of Spectacle Correction And Orthoptic Exercises In	213
Non-Surgical Management Of Exodeviations	213
F Sezen, O Balci, A Gezer	
	217
Moebius syndrome with limb abnormalities	217
E Basar, T Arus	221
Long term binocular functional outcome after strabismus surgery in a case of cyclic	221
esotropia	
B Venkateshwar Rao, P Sahare	
Interrelationship of binocular and monocular functions in anisometropic amblyopia	227
IM Boychuk	
Influence of orbital factor on development and outcome of surgery for intermittent	231
exotropia	
YA Cho, S Kim, S Yi	
Ocular motility problems following treatment for uveal malignant melanoma	235
E Dawson, JP Lee	
Recurrent strabismus caused by orbital tumour arising from pulley smooth muscle	237
tissue?	
PPh van den Broek, JTHN de Faber, ADA Paridaens, M Kliffen	
The functional outcome of very late surgery in infantile strabismus	239
ECh Schwarz, KS Kunert, G Wunsch, H Zappe	
A binocular scanning laser ophthalmoscope	243
O Ehrt	
The effect of reducing anticipation anxiety by psychoeducation techniques on vasovagal	247
responses during manipulation of adjustable sutures	
O Elibol, L Karabas, O Altintas, Y Caglar	
A new scoring method for lees charts	251
M Eliacik, S Akar, B Yilmaz, B Gokyigit, OF Yilmaz	
About a case of childrens myasthenia gravis	255
DF Agrafojo, PM Enrile, JP Fabre	
Strabismus after in-vitro fertilisation	261
R Gomez de Liano, I Genol, I Iglesias, Y Fernandez, M Barrio	-
Surgical treatment of strabismus fixus with high myopia	265
B Gokyigit, S Akar, A Basoglu, O Oral, OY Yilmaz	200
Carotid Doppler ultrasonography in congenital IVth nerve palsy	269
B Gokyigit, S Akar, OF Yilmaz	20)
Effects of recession strabismus surgery on corneal topography	275
A Inal, B Inal, S Akar, B Gokyigit, OF Yilmaz	213
The effectiveness of Faden operations in different types of deviations	279
A Inal, N Unal, B Gokyigit, S Akar, OF Yilmaz	21)
The Bruckner Test As A Screening Tool For The Detection Of	283
Significant Refractive Errors	203
· ·	
J W R Pott, Y G L Sie Oh, M Broer Van Dijk, B De Vries Outcome Of Surgical Management In Adults With Congenital Unilateral	287
Outcome Of Surgical Management In Adults With Congenital Unilateral	401
Superior Oblique Palsy B Kaczmarek, F Wojcik, A Madroszkiewicz, M Pociei-Zero	
D NACZIDALEK E. WOLCIK A WIZOTOSZKIEWICZ IVI POCIEL-ZETO	

Inhibitional Palsy Of The Contralateral Superior Rectus Muscle In A Patient With Superior Oblique Paresis	289
B Zaczmarek, E Wojcik, C Bilska	
Surgical Treatment Of Upshoot And Downshoot In Duane's Retraction Syndrome	291
C Karaka, A S Sanac, B Sonmez	
Changes In Corneal And Conjunctival Sensitivity, Tear Film Stability,	295
And Tear Secretion After Strabismus Surgery	
J B Lee, J H Chang, S H Han, Y H Chang	
Surgery Of The Inferior Oblique Muscle In Bilateral Asymmetric	299
Paralysis Of The Superior Oblique	
V Oguz, M Yolar, H Tolun, S Ozkan	
The Oculocardiac Reflex In Strabismus Surgery	303
A Ozbek, S Akar, B Gokyigit, G Eren, A Oner	
Globe Retraction In A Patient With Nanophthalmos	307
S Oner, A F Nohutca, H N Ortak	
Surgical Treatment Of Consecutive Exotropia	309
A Ozbek, S Akar, B Gokyigit, O F Oge, Z Bayraktar, O F Yilmaz	
Epiblepharon And Mobius syndrome: A Rare Association	313
B Venkateshwar Rao, P Sahare	
Assessment Of The Risk Of Endophthalmitis In Accidental Globe	317
Penetration During Strabismus Surgery	
A A S Moghaddam, A Kargozar, T Rashed	
Assessment Of The Rate Of Nausea And Vomiting And Pain In Strabismic	323
Patients Anethesized By Propofol	
A A S Moghaddam	
The Effect Of Experimentally Induced Spherical Myopic	327
Anisometropia On Stereoacuity	
A A S Moghaddam, A Kargozar, M E Ravazi	
Refractive Surgery: Strabologic Patients Management	331
L Sabetti, L D'alessandri, A Fiasca, K Slavatori	
Glomus Jugulare Tumour Presenting With 6 th Nerve Palsy	335
A G Sainani, E Dawson, J P Lee	
Influence Of Near Correction On Visual Perception And	339
Perceptional Organization Skills Down Syndrome	
G Satirtav, E C Sener, A S Sanac, E Erdogan Baker	
Surgical Management Of Complete Oculomotor Nerve Palsy	343
N Sefi Yurdakul, S Ugurlu, A Maden	
Etiology Of Paralytic Strabismus	347
N Sefi Yurkdakul, S Ugurlu, A Maden	
Clinical Pedigree And Genetic Analysis Of Congenital Fibrosis Of	351
Extraocular Muscles	
B T Ozturk, E C Sener, A S Sanac, N Akarsu, K Yamada, E C Engle	
Abnormal Lateral Rectus Insertion Associated With V-Pattern Exotropia	355
And Up-Shoot	
Y Uysal, F M Mutlu, C Erdurman, H I Altinsoy, S M Z Bayraktar, D Ceyhan	
Transposition Procedures For Abducens Palsy: 10 Year Results	359
R Autrata, K Vodickova, J Rehurek	
Inferior Oblique Muscle Surgery For Dissociated Vertical Deviation	365
R Autrata, K Vodickova, J Rehurek	
Congenital Fibrosis Of Extraocular (CFEOM) Muscles Associated	371
With Musculoskeletal Abnormalities	
C Yildirim, S Tatlipinar, E Kiter, F Duzcan, V Yaylali, S Ozden	
Hiper Maximum Lateral Rectus Recession Operation Of Adults	375
With Large Angle Exotropia	
B Yilmaz, B Gokyigit, S Akar, O F Yilmaz	
Surgical Outcome In Superior Oblique Palsy	381

S Ziylan, A Yigit, O Yabas, D Serin, S Hoca, I Daruga Medical Detective W Duifhuizen-Visscher, W J Van Der Linden, M Tjon Fo Sang, M Wafers Bettink-Remeijer

385

Transactions $30^{\rm th}$ European Strabismological Association 8-11 June 2005, Killarney Co.Kerry, Ireland

Introduction Of The 7 th E S A Lecturer M Spiritus	5
Special Lecture: The Sensory Contribution Of The Deviated Eye In Childhood V Herzau	7
Round Table: Mamangement Of Extraocular Muscle Palsies	15
M Spiritus, K P Boergen, Brodsky, J Elston, M O'keeffe, C Schiavi Course: Preschool Vision Screening – Is Earlier Better?	23
J Ohlsson, J Sjostrand, J M Holmes, M Clarke Isometropic Amblyopia In High Hyperopic Children	35
O Yabus, S Ziylan, N Zorlutuna, D T Serin, S H Llapasthica	
Association Between Fixation Preference Testing And Strabismic	39
Pseudo-Amblyopia O M Hakim	
Assessment Of Magnocellular (M) And Parvocellular (P) Pathways In Strabismic Amblyopes And Normal Subjects Using Functional	43
Magnetic Resonance Imaging (fMRI) A R Davis, J J Sloper, M M Neveu, C R Hogg, G E Holder, M J Morgan,	
M J Brammer, S Williams Tracture at Effective and For Managerlan Visual Aquity Deficit.	45
Treatment Effectiveness For Monocular Visual Acuity Deficit: Numbers Needed To Treat	43
S R Richardson	
Three Year Follow-Up Of "Elderly" Strabic Children With Amblyopia Treated	47
With Citicoline	
I P Pipitone	
Interpupillary Distance Scales The Size Of Perceived Depth In Stereograms J R Frisby, G Watts, D Buckley, H Davis	53
Is "High AC/A" The Sequel Of Accommodation Instability?	57
M Dostalek Accommodative Anomalies: Are They Often Overlooked?	61
S Brown, A Finlay	01
Refraction And Oculomotor Anomalies In Down Syndrome:	65
Retrospective Study	0.0
A Boschi, A Finck, G Dembour, P Jaumain, M Spiritus	
The Epidemiology Of Strabismus And Amblyopia Are The Numbers Changing? M T Miller	71
Strabismus In 10 Year Old Prematurely Born Children And In	75
Full Term Controls	
G Holmstrom, A Rydeberg, E Larsson	
Sensory Status Following Intraocular Lensimplantation For Longstanding	77
Unilateral Traumatic Cataract Or Uncorrected Aphakia And Ocular	
Realighnment	
M Levin, A Haavel	
Visual Outcome And Binocular Vision After "Bag-In-The-Lens"	81
Surgery In Children With Congenital Cataract	
D J M Godts, I De Veuster, M J Tassingnon	0.=
Binocular Visual Function Following Successful Surgery To	85
Remove An epiretinal Membrane	
L Garnham, J Sloper Posterior Fivation Suture (Foden) For Esotropia With Near Dictance	89
Posterior Fixation Suture (Faden) For Esotropia With Near-Distance	89
Disparity: Results In 78 Cases S Akar, B Gokyigit, M Ali, Kevser, O Faruk Yilmaz	
Esotropia With Straight Eyes Under Anaesthesia. About 73 Cases	93
Treated Exclusively With Bilateral Fadenoperation	73

D Thouvenin, C Lesage, M C Sotiropoulos, J L Arne	
Fadenoperation In Treatment Of Children With Strabismus And Nystagmus	97
IE Aznaurjan, L I Gorlacheva	
Botulinum Toxin As A Treatment Option For Decompendated Intermittent	101
Strabismus In Children	
F J Rowe, C P Noonan, H Nayak	
Releasable Adjustable Suture Technique In Pediatric Strabismus	105
Hakim GH	
Prospective Evaluation Of Surgical Outcomes In Intermittent Exotropia	111
Clarke M, S Richardson, D Buck, H Haggerty, N Strong	
Exotropia: Stability Of Surgical Correction For Intermitentexotropia	115
AA El-Din, A Rizk	
The Head Tilt Test In Unilateral And Symmetric Bilateral Acquired	121
Trochlear Nerve Palsy	
M Graf, T Krijzok, H Kaufmann	
Effectiveness Of Inferior Oblique Weakening Surgery	125
J D Baker, W A Macfarlane	
Topical Anaesthesia For The Management Of The Extorsional Syndrome:	127
The Role Of The Surgeon-Patient Interaction	
V Paris, C Andris, A Moutschen	
Vertical Strabismus After Trauma: What About The Muscles?	131
A Stoppani, A Piantanid, A Giordano Resti	
Trauma To The Eye Muscles By Display – And Bookshelf-Hooks	135
JTHNDe Faber, MJHTjon-Fo Sang	
Age Related Neuromuscular Changes In Human Extracular Muscles	141
I B Kjellevold Haugen, J R Bruenech	
Stability Of The Eye Position Under General Anaesthetic	145
(Eye Not Operated And Eye Operated)	
A Perchereau, D Lasalle	4.40
Twenty Years Of Assessment Of Intraoperative Data In	149
Strabismus Surgery: (2) Is The Differential Of Passive Muscle	
Forces In An Antagonistic Muscle Pair A Useful Tool In Every	
Type Of Oculomotor Disorder?	
A Roth, Cl Speeg-Schatz	1.5.5
Diplopia As A Presenting Symptom In An Eye Casualty Department	155
R M Comer, E L M Dawson, J F Acheson, G T Plant, J P Lee	157
Convergence Excess Associated With Neurological Diseases: Surgical Treatment	157
A C Spielmann	161
Acquired Unilateral Vertical Nystagmus G E Hocking, R V Abadi	161
Does Botulinum Toxin Have A Role In The Treatment Of Oscillopsia?	165
E L M Dawson, R Moorthy, J P Lee	103
Botulinum Toxin In The Management Of Internuclear Ophthalmoplegia	167
R Moorthy, S Khan, G G W Adams, J P Lee	107
Benefits Of Four-Muscle Surgery For Congenital Nystagmus	171
N J Boyle, E L M Dawson, J P Lee	1/1
Surgical Options In 3 rd Nerve Palsy	175
I Teodorescu, D Cioplean	173
Effect Of Interocular Difference Of Retinal Illuminance In Vision And Binocularity	179
J B Lee, N S Kim, D W Lee, J H Chung, S H Han, Y H Chang	1//
Stereopsis And Age	183
M Fernandez, I Perez, J Lorenzo	103
Evaluation And Circumvention Of Monocular Cues In The FD2	187
H Davis, R Toft, J P Frisby, D Buckley	107
Screening For Amblyopia: A Systematic Litereature Review	191
2 - J.I J	

C J Powell, H Porooshani, S R Richardson, M C Bohoroque Retinal Nerve Fiber Layer And Foveal Thickness In Unilateral Amblyopia: An OCT	195
Study	193
S Petroni, R Dell'omo, S Di Landro, A Salerni, A Dickmann	
Cyclopentolate Versus Atropine: A Prospective Study	199
A Perchereau, D Lasalle	1))
Tropicamide versus cyclopentolate: a comparative study	203
A Pechereau, M Anoma	203
Reverse Amblyopia With Atropine Treatment	207
D T Speunger, B C Hainline, N Sondhi, D A Plage, D E Neely	207
Lasik In Treatment Of Meridianal Form Of Refractive Amblyopia In Children With	211
Astigmatism	211
I E Azaurjan, L I Goracheva	
Late-Onset Distance Esotropia With Conserved Near Stereopsis In Myopic Subjects:	215
What Do We Need To Look For Clinically?	-10
M Simon-Bernard, I Bodirsky-Caro, A Roth	
Modification Of Vertical Strabismuc Following Botulinum Toxin A Treatment Of	219
Childhood Esotropia	
C J Roberts, R Gomez De Liano	
Use Of Botulinum Toxin For Strabismus Management In Children With Developed	223
Delay	
F J Rowe, A Dillon, C P Noonon	
The Surgical Effect Of Retroequatorial Myopexy	227
(Faden Operation)	
S W Parks, T S Jeong, Y G Park	
Bare Sclera Closure: How It Works In Congenital Esotropia Surgery	231
G Lasorella, M Mammone, L Russo, A M Catanese	
Intractable Diplopia After Satisfactory Alinment In An Adult With	235
Sensory Esotropia	
S Canturk, S Oto, Y A Akova	
Demographic Features And Surgical Approach In Exotropia Adults	239
Older Than 40 Years	
A Ozturk, S Akar, B Gokigit, A Utine, O F Yilmaz	
Detection Of The Slipped Extra-Ocular Muscle After Strabismus Surgery	243
S J Chen, P C Knox, P Hiscott, I B Marsh	
Slipped Extra-Ocular Muscles Surgery – Does The Surgical	245
Nomogram Apply For Slipped Muscle Surgery?	
R T Sebastian, B Karri, I B Marsh	
Prevalence Of Neurological Disorders In A-V Pattern	247
A Dickmann, C Arezzo, L Guccione, R Parilla, L Placentino	
A-V Patterns Strabismus : A Clinical Characteristic & Guidelines	251
For Surgical Treatment	
A Rizk, A A Taalab	
Orthoptic Treatment Of A Post-Traumatic Paresis Of The Superior Oblique Muscle	255
D Fernandez Agrafojo, P Martin Enrile, J Paune Fabre, H Morales Ruiz	
The Surgical Effect Of Inferior Oblique Weakening Procedure	263
I Perez, M Fernandez	
Outcome Of Surgical Management In Adults With Acquired	267
Unilateral Superior Oblique Palsy	
E Wojcik, B Kaczmarek	
Ocular Convergence Defect And Mandibular Latero-Deviation	271
L Sabetti, L D'allessandri, A Monaco, A Fiasco	
A Case Of Familial Congenital Limitation Of Elevation	275
T Moutray, R Brennan	250
Congenital Double Elevator Palsy: Relation Between Surgical	279
Approach And Lid Position And Movement	

G Savino, M Manzulli, F De Rossi, L Balia, S Di Landro, A Dickman	
Hypoplastic Inferior Rectus Muscle In Association With	283
Accessory With Accessory Extraocular Muscle And Globe Retraction	
S B Ozkan, Y Dayanir, T Y Gokce	
Congenital Fibrosis Of Superior Oblique And Superior Rectus Muscles	287
With An Accessory Band Tissue	
S B Ozkan, H Cakmak, V Dayanir	
Clinical Observation And Treatment Of 34 Cases With Blepharophimosis	291
Ptosis – Epicanthus Inversus Syndrome	
Y H Jiah, W Lu, X Wu, Y Min, D M Li, G L Li, K X Zhao	
Ophthalmological Pathologies In Very Low Birth Weight Childrens	295
With Mascular Ectopia	
G Savino, D Colucci, L Guccione, D Lepore, F Molle, T Rebecchi	
Isometric Force Of Extraocular Muscles Measured In A Case Of	299
Dysthyroid Restrictive Esotropia. Effects Of Chemodevervation And	
Surgery To Correct Esotropia On Eye Muscle Tension	
C Schiavi, C Belluschi, R Bolzani, G Lennerstrand	
Restricted Eye Motility And Enophthalmos In Metasases From Breast Carcinoma	303
J W R Pott, N Kamminga	
Bilateral Ptosis And Gaze Palsies Following Radioactive Seed	307
Treatment Of Rectal Plate Tumour	
J M Durnian, V Wong, J Ashworth, C Malluci, P Warnke, I B Marsh	
Results Of Strabismus Surgery With Anterior Ciliary Arteria Preservation	311
S Akar, B Gokyigit, P K Hekimhan, O F Yilmaz	
Botulinum Toxin Injection For Acute Sixth Nerve Palsy	315
S Gylan, O Yabas, S Karslioglu, I Daruga	
Treatment Of Paralytic Strabismus With Disport: A First Experience In Russia	319
L L Plisov, V V Atomanov, K G Puzyrevsky	
The Appropriate Therapeutical Plan In Traumatice VI Nerve Palsy	323
D Cioplears, L Teodorescu	
The Results Of Total Tendon Transposition In Lateral Rectus Palsy	325
Without Preoperative Botulinum Toxin Type A	
I B Marsh	

Transactions $31^{\rm st}$ European Strabismological Association 22-25 May 2007, Mykonos, Greece

Introduction Of The 2007ESA Lecturer	5
EC Campos	
ESA Lecture: Surgical procedures in the treatment of paralytic strabismus	7
H Kaufman	
Round table: The dissociated strabismus complex	17
EC Campos, M Brodsky, A Damanakis, V Paris, M Graf, JT de Faber	
Ocular motility problems following orbital trauma	29
J Lee	
Restrictions related to previous strabismus surgery	33
SB Ozkan	
Prelavence of ocular motility disorders in a population of school children from the	39
highlands of Ecuador	
A Molinari, S Heede, G Virgili, M Angi	
Visual acuity, strabismus and binocularity in children with high hyperopia	43
KG Romanchuk, JS Kent, SA Dotchin, JA Zurevinsky	
Lexalgia	47
H Webb, JP Lee	• •
Prevalence of amblyopia in an incidence cohort of childhood strabismus	51
AE Greenberg, BG Mohney, NN Diehl	31
Higher order aberrations: an explanation for some cases of idiopathic amblyopia	55
JT de Faber	33
Extra insertion of extraocular muscles and ocular mobility after muscle disinsertion	59
O Hakim, H Ameen, M Neizy, YG El-Hag	33
	63
Horizontal recti surgery in congenital nystagmus A Bagheri, M Aletaha, M Zonoobi, M Abrishami	03
Isometric force development in human eye muscles end pulleys	65
	03
G Lennerstand, C Shiavi, R Bolzani, M Benassi, M Fusari, EC Campos	60
SEE++ - An interactive diagnostic software system for simulating strabismus surgeries	69
T Kaltofen, M Buchberger, S Priglinger	72
How effective is the inferior rectus faden operation?	73
IB Marsh	70
Infantile esotropia with nystagmus: a treatable cause of oscillatory head movements in	79
children	
MC Brodsky, KW Wright	
Esotropia with near/distance disparity – an overview study	83
RD Gama, V Nogueira, AV Escada, R Costa, G Varandas, ML Viera	
Surgical management of infantile esotropia: what is a good result?	87
A Roth, M Bumbacher, Cl Speeg-Schatz, S Gottenkiene	
Surgery for residual convergence excess esotropia	91
HJ Patel, E Dawson, J Lee	
Bilateral resection/recession of the medial rectus for convergence excess esotropia	95
RH Taylor, B Ramasamy, CP Noonan, FJ Rowe	
Refractive accommodative esotropia: LASIK and PRK treatment	99
A Magli, A Iovine, F Fimiani, R Carelli, P Nucci, L Sabetti, U Giani, D Bruzzese	
Management of intermittent distance exo deviations using minus lenses	105
FJ Rowe, CP Noonan, G Freeman, J DeBell, K Ireland	
Cyclic exotropia	109
LS Mengher, E Dawson, A Dabbagh, JP lee, GGW Adams	
How can we completely change our minds about intermittent exotropia?	113
V Paris	
Congenital exotropia: a supplement to literature	117
M Farvardin, A Alavi	
Interest of cerebral MRI in infantile exotropia	121
ı.	

D. Donie, E. Tassas, N. Ginard	
D Denis, E Toesca, N Girard Hess Lancaster screen test with the head tilted: a useful test in the diagnosis of bilateral fourth nerve palsies	125
AL Armesto, MC Urgin, E Travelletti, A Schlaen	
Double elevator palsy: a 10 years review of the patients from Labbafinejad eye centre	129
R Sahebghalam, A Bagheri, S Yazdani	123
Surgery for unilateral acquired trochlear nerve palsy: whats the best choice?	133
M Graf, J Weihs	133
The result of anterior transposition of the inferior oblique muscle in patients with DVD	137
YG Balci, SB Ozkan, NK Pulur	137
Superior oblique tendon thinning in Browns syndrome	141
CJ Roberts, R Gomez de Liano	141
Superior rectus overaction related to superior oblique palsy: prevalence, characteristics,	145
aetiology and management	143
M Fresine, C Schiavi, EC Campos	
Fells modification of the Harado-Ito procedure – does one size fit all?	149
IB Marsh, N Kumar, S Dodd	142
Cyclotorsion associated with neurological diseases	153
AC Spielmann	133
Non-adjustable strabismus surgery for vertical deviations in thyroid-associated	159
orbitopathy	133
* •	
D Godts, PA Evens Recognish to correct restrictive strebismus is less effective efter exhitel decompression in	162
Recession to correct restrictive strabismus is less effective after orbital decompression in	103
graves orbitopathy C. Sakigui, M. Faging, P. Vargura	
C Schiavi, M Fesina, P Versura The use of hetalinum toxin in the long term management of strehiemus	167
The use of botulinum toxin in the long term management of strabismus	107
RW Gardner, ELM Dawson, GGW Adams, JP Lee	1.00
Use of botulinum toxin for strabismus post retinal detachment surgery	169
ELM Dawson, RW Gardner, GGW Adams, JP Lee	171
Strabismus after orbital decompression	171
A Galan, A Wert, R Medel, T Alonso, J Visa	177
Bupivacaine injection enlarges eye muscles	177
AB Scott, DE Alexander, JM Miller	101
Treatment of cranial nerve VI palsy	181
DT Sprunger, DL Rogers, I Ben-Zion, JG Roberts, DA Plager, DE Neely	105
Visual impairment in stroke survivors: a prospective multi-centre trial	185
FJ Rowe, VIS Group	1.00
Diplopia and ocular torsion following uncomplicated MT 360 and counter rotation	189
surgery for ARMD	
LS Mengher, GS Uppal, L DaCruz, JF Acheson, JP Lee	100
Dynamic magnetic resonance imaging (MRI) in strabismic patients	193
L Teodorescu, D Cioplean, V Ionescu	100
Re-recession of the medial rectus muscles in patients with recurrent esotropia	199
A Medghalchi, S Dalili, K Amirrafie	• • •
An efficacy of chemodenervation for the treatment of chronic sixth nerve palsy	203
IL Plisov, OM Batalova, KG Puzyrevskty, VV Atamanov	• • •
The median tucking is a new technique of strabismus surgery	207
KG Puzyrevskty, IL Plisov	
A five year clinical review of children with accommodative esotropia	211
S Ganesh, P Singhal, M Sharma	
Results of OCT in children with hyperopic unilateral high degree amblyopia	215
IM Boychuk, EV Ivanitskaya	_
Sensory evaluation in anisometropic patients	219
G Sabino, MJ Giannico, MT Rebecchi, V Perrotta, C Fedeli	_
Stereopsis test and normal binocular vision: TNO versus titmus test	223
I Perez-Flores, J Lorenzo-Carrero	

\mathcal{I}	225
	229
E Yalcin, S Yilmaz, H Tolun Analysis of post-operative outcome of orbital fractures	231
G Savino, V Perrotta, MJ Giannico, L Messina, D Colucci	231
	235
CF Merckel-Timmer, YS Everhard-Halm, YC Besselink, M de Buy, LJJM Wenniger-Pric	
· · · · · · · · · · · · · · · · · · ·	237
	239
syndrome	239
PR Brogden, J Hoole, IG Simmons	
· · · · · · · · · · · · · · · · · · ·	243
respond poorly	243
PR Brogden, J Hoole, IG Simmons	
	247
FJ Noordhuizen, I Dekker, MF Brouwer, JTHN de Faber, M Tjon-Fo-Sang	247
	251
encirclement for advanced PVR	231
L Garnham, L Wickham, D Charteris	
	253
A Firth, H Davis	
	257
tomography and microperimeter	
S Petroni, A Salemi, R Fasciani, E Balestrazzi, A Dickmann	
The relationship between different types of thyroid-associated orbital myopathy and trab 2	261
levels	
O Velittin	
\mathcal{C}	265
H Davis, JP Frisby, AM Pilkington, D Buckley	
Use of amniotic membrane on wound healing and adhesions in experimental strabismus	269
surgery	
S Demirel, H Atilla, AO Heper, N Erkam	
Self-estimation of quality of life changes related to cosmetically evident squinting and/or	273
glasses in younger school children	
M Dostalek, L Tronecek, M Hejcmanova, M Petriscakova	
Pupillary constriction of patients with intermittent exotropia before and after strabismus	277
surgery	
A Hikoya, Y Hotta, M Sato	
Polyneuritis cranialis: a case report with rapid recovery after immunoglobulins treatment	281
M Di Pietro, A Scuderi, M Ruggieri	
A novel technique for inferior rectus recession operation	285
B Gokyigit, S Akar, A Ozturk, PK Hekimhan, OF Yilmaz	
1	289
weakening procedures	
S Akar, B Gokyigit, M Dogan, B Erden, I Perente, OF Yilmaz	
The contribution of strabismus finding to the early diagnosis of the inborn errors of	293
metabolism	
D Tsagkaraki, D Papadakis, E Michailidou, M Spilioti, A Evageliou, I Pallikaris	
Retinal optic coherence tomography (OCT) in eccentric fixation cases	297
B Gokyigit, S Akar, S Bayraktar, OF Yilmaz	
• •	301
and faden operation	
B Gokyigit, S Akar, OF Yilmaz	
Three cases of infantile strabismus fixus	

B Kaczmarek, E Wojcik, E Helveston	
Positive Bielchowsky head tilt test in thyroid ophthalmopathy	307
J Fernandez, A Galan, J Visa	
Excessive amount of incyclotorsion in dysthyroid ophthalmopathy	309
K Chatzistefanou, T Ramadan, E Iliakis, N Economopoulos, MN Moschos, BJ Kushner	
Focal dermal hypoplasia or Goltz-Gorling syndrome; a case report	313
MM Rijswijk, PJ Kruit	
Effect of graded recessions of inferior oblique muscle in treatment of inferior oblique	315
overation and dissociated vertical deviation	
S Canturk, S oto, YA Akova	
A new approach for management of monocular elevation deficiency	319
O Hakim	
Intraoperative position and circumference of the inferior oblique muscle	323
A Bagheri, M Eshaghi, S Yazdani, A Ferdosi	
The abnormal anatomy of the inferior oblique (IO) and its influence on the clinical	327
aspect of vertical strabismus	
DE Cioplean. L Teodorescu	
Superior oblique palsy: a review of 135 cases	331
G Lasorella, L Russo, A Moramarco, E Polito	
Orbital fractures: protocol and a case report	335
SM Jansen, AJ Bakels, JSM Krijnen, AEL Langenhorts	
Hypotropia in patients with dissociated vertical deviation	337
S Gamio	
Macular heterotopia sometimes there is more than meets the eye	341
A Tartara, M Arrufat, E Marti, C Perez, S Gamio	
Comparison of peropertaive and postoperative anterior segment measurements with	343
pentacam in strabismus	
S Emre, C Cankaya, S Doganay	
Possibility of ignoring paradoxical diplopia depending on the size of the angle of	347
anomaly	
A Broniarcyk-Loba, PJ Loba	
The reasons for over correction and their treatment following congenital esotropia	351
operation	
B Gokyigit, S Akar, A Ozturk, OF Yilmaz	a = -
To compare the results of two faden techniques having a difference in esotropia cases	355
S Akar, B Gokyigit, A Ozturk, A Ozbek, B Yilmaz, OF Yilmaz	

$Transactions\ 32^{nd}\ European\ Strabismological\ Association \\ 7-10\ September\ 2008,\ Munich,\ Germany$

Foreword by the President S. B. Özkan	XIII
Preface	XV
R. Gómez de Liaño In the memory of Dr. Alfredo Arruga Forgas (1920-2008) Executive Committee of The European Strabismological Association Introduction of the 9th E.S.A. Lecturer	XVII XIX 5
H. Mühlendyck ESA LECTURE: What's at stake in infantile esotropia? A. Roth	7
Prisms for non-strabismics: Is the vergence position of rest stable? G. Kommerell, J. M. Otto, M. Bach	23
The "8 diopters base-in test" for the diagnosis of microstrabismus in daily practice A. Piantanida, G. Falcicchio, I. Pipitone	27
Does infantile esotropia arise from a dissociated deviation? M. Brodsky, K.J. Fray	31
Succinylcholine activation of human horizontal eye muscle G. Lennerstrand, S. Tian, Sweden; R. Bolzani, M Benassi, M. Fusari, E. Campos, C. Schiavi	35
Sensory fusion and quality of life in adult patients before and after strabismus surgery A. Dickmann, G. Savino, M. T. Rebecchi, E. Di Nardo, I. Aprile	41
Outcome analysis of surgery for eye muscle palsy L. Cabrejas Martínez, F. J. Hurtado Ceña, J. Tejedor Fraile	45
The profile of strabismus in stroke survivors F.J. Rowe, VIS Group	49
Diplopia and strabismus after pterygium surgery R. Gómez de Liaño, R. Borrego, D. Santander	53
Convergence spasm treated with botulinum toxin B.B. Kaczmarek, E. Dawson, J.P. Lee	57
Consecutive exotropia after esotropia's treatment with botulinum toxin A - When can you diagnose?	61
R.D. Gama, A. Sulzbacher, G. Varandas, M. L. Vieira, A. C. Dinis Single horizontal rectus muscle recession or resection for small to moderate angle strabismus	67
D.E. Neely, M. El Basha, D.L. Rogers, N. Shah, I. Ben-Zion, D.A. Plager, D.T. Sprunger, G.J. Roberts	
Technique and results of bilateral Fadenoperation of the medial rectus - modification of Mühlendyck	71
M. Kaup, A.C. Mödder, K. Hartmann Reoperation on faden operation L. Ondowin B. Coloniait S. Along A. Ontitals O. F. Vilgon	75
I. Ozdemir, B. Gokyigit, S. Akar, A. Oztürk, O. F. Yilmaz Coming back on a fadenoperation, still a nightmare? D. Thousanin, G. Lasser, O. Norbert, S. Norwe, L. Fontas	79
D. Thouvenin, C. Lesage, O. Norbert, S. Nogue, L. Fontes The efficacy of augmented transposition surgery in several indications S. Alexa B. Colonisis C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, M. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P.K. Halvinskar, L. Ordenia, H. Congol, O.F. Vilneau, C. Poleski, P. V	83
S. Akar, B. Gokyigit, G. Pekel, P.K. Hekimhan, I. Ozdemir, H. Gungel, O.F. Yilmaz The submuscular tenon's sheath and slipped muscles	87
G.P. du Plessis Using the PlusOptix vision screener for detection of amblyogenic factors in children in the united states of america	93
N.M. Matta, D. I. Silbert, E. L. Singman Refractive surgery and amblyopia	97
A. Dickmann, V. Cima, C. Radini, S. Petroni, L. Mosca Clinical and demographic characteristics of childhood intermittent exotropia:	103

A prospective multicentre study	
J.J. Sloper, E. Dawson, D. Buck, C. Powell, H. Davis, N.P. Strong, P. Tiffin,	
R. Drewett, P. Cumberland, J. Rahi, M.P. Clarke	
Medium term follow-up in operated exotropia	105
D.E. Cioplean	
Infantile Esotropia – Influence of the age of treatment in the vertical deviation	109
M. Vila Franca, H. Nogueira, R. Dinis da Gama, G. Varandas, M. L. Vieira,	
A. Castanheira-Dinis	
Diagnosis and surgical treatment of dissociated horizontal deviation (DHD)	113
S. Gamio	
Retrobulbar irradiation for graves' ophthalmopathy: A retrospective study, evaluating	119
the efficacy of doses between 12-20Gy.	
K.T.M. Johnson, Ch. Loesch, J. Esser, A. Wittig, W. Sauerwein, K. Mann, A.K. Eckstein	
Tendon elongation: a new surgical technique for large convergent squint after three	123
wall orbital decompression in thyroid associated ophthalmopathy	
A.K. Eckstein, M. Holdt, K.T.M. Johnson, J. Esser	
Surgical treatment of internuclear ophthalmoplegia	127
J.M. Durnian, F. Jazayeri, V. Trimble, I.B. Marsh	
Superior rectus recessions for downbeat nystagmus	131
M. R. Vishwanath, A. Maino, I. B. Marsh	
Surgical treatment of the heavy eye syndrome: long-term results with Yokoyama	137
technique	
C. Schiavi, M. Fresina, E.C. Campos	
A review of the Yokoyama procedure for eso-hypotropia associated with high myopia	141
C.S. Child, A. Khawaja, J.J. Sloper, J.P. Lee, G.G.W. Adams	
Myopes esotropia surgery: results on 45 patients	145
G.B. Marcon	
Problems with lateral rectus orbital wall fixation in duane syndrome	149
S. B. Özkan, I. Isikligil	
Congenital Browm's syndrome: Intraoperative findings and postoperative results	155
K. Hartmann, Germany	
The reasons of second and third operations for patients with Brown's Syndrome	159
B. Gokyigit, S. Akar, O.F. Yilmaz	
Aetiology of isolated inferior rectus palsy	163
L. Garnham, J. Lee	
Superior oblique tucking with vs. without additional inferior oblique recession	165
for acquired trochlear nerve palsy	
M. Gräf, B. Lorenz, A. Eckstein, J. Esser	
Surgery for congenital superior oblique palsy in childhood	169
S. Schmidt, M. Gräf, H. Kaufmann, B. Lorenz	
Unilateral superior rectus contracture related to extorsional syndrome: Partner or	173
enemy?	
V. Paris	
Possible role of higher-order aberrations in idiopathic amblyopia	179
I. Berkit, S. B. Özkan, Z. Özbek, P. Apaydin	
Risk factors in subtypes of anisometropic amblyopia	183
S. Akca Bayar, S. Oto, S. Kaya, A.C. Yazici, Y. Aydin Akova	
Functional and electrophysiological correlation in disbinocular amblyopia	187
I. Boychuk, O. Terletska, S. Slobodyanik	
Convergence accommodation does regress with vergence adaptation	191
A.Y. Firth	
Gradient versus heterophoria measurement of AC/A ratio: Does a difference occur in	193
strabismic cases?	
F.J. Rowe, C.P. Noonan	
Modifying the lancaster screen to measure the field of single binocular vision;	197
The matta map	

N. S. Matta, D. I. Silbert, E. L. Singman Lee Screen test versus the Ocular Motility Analyser© (OMA): Comparison of technical features and testing methods A. A. Assaf	201
An improved visualization of oculodynamic eye movement recordings: Comparison of two patients with horizontal motility impairment A.M. Palmowski-Wolfe, Switzerland, C. Kober, Germany, I. Berg, C. Buitrago-Téllez, C. Kunz, E.W. Radü, S. Wetzel, K. Scheffler	205
Strabological photography with the video slit lamp M.M. Gellrich	209
Analysis, in terms of millimeters, of different surgical approaches in infantile esotropia A. Magli, R. Carelli, A. Iovine, F. Fimiani	213
Evaluation of the sensory status in patients affected by Infantile Esotropia, who underwent surgery before and after 2 years of age A. Magli, R. Carelli, A. Iovine, F. Fimiani	217
Childhood esotropia: Outcomes of management in a greek referral centre N. Ziakas, E. Kanonidou, M. Antoniadis, A. Praidou, K. Ntampos, P. Zotta, K. Boboridis, D. Mikropoulos	221
Effectiveness of surgical management in small angles alternating nonaccomodative	225
esotropia ASenyakina, S. Rykov, M. Turchyn, M. Shevkolenko,	
Rare aquired esotropia: Divergence weakness A. Szigeti, M. Fodor	229
Sensorial strabismus due to congenital toxoplasmosis. Eso or exotropia? S. Gamio, A. Tártara	233
Clinical characteristics of exotropic patients with hyperopia J.B. Lee, S.A. Chung, J.H. Chang, Y.H. Chang	237
Non-sensory spontaneous consecutive exotropia in children with esotropia S. Hamada, A. Assaf	241
New opportunity in exotropia surgery	245
L. Sabetti, I.M. Greco, A. Berarducci, F. Fabiani	249
Superior oblique posterior tenectomy - Is it really safe? P. Apaydin, S.B. Özkan, I. Berkit	249
Efficiency of bilateral inferior oblique weakening procedures in V pattern strabismus S. Akar, B. Gokyigit, A. Eren, H. Gungel, O.F. Yilmaz	253
Congenital fibrosis of the inferior rectus muscle	257
S. Schmidt, M. Gräf Clinical characteristics and surgical results in Duane's retraction syndrome S.A. Chung, J.B. Lee, J.H. Chang, Y.H. Chang	261
Patients operated for Duane's retraction syndrome-overview of the results in the last 10 years	265
M. Jarc-Vidmar, I. Gardasevic, D. Kosec	260
Surgical treatment of atypical form of strabismus at Duane syndrome I.L. Plisov, O.M. Batalova, K.G. Puzyrevsky	269
Results of lower eyelid lengthening after inferior rectus muscle recession with and without tarsorrhaphy in patients with Graves' ophthalmopathy A.K. Eckstein, K.T.M. Johnson, J. Esser	273
Another reason for vertical diplopia after orbital floor fracture	277
R. Lolova, A. Baghoomian The intensity of downbeatnystagmus during daytime	281
N. Rettinger, R. Spiegel, R. Kalla, D. Straumann, S. Glasauer, T. Brandt, M. Strupp Surgical options in congenital nystagmus (Ny)	285
L.A Teodorescu, D. Cioplean, M. Dragomir, I. Velcea Vertical rectus muscle transposition with recession of medial rectus at six nerve palsy	289
D. Kosec, A. Beharic NIII palsy with aberrant regeneration: 2 Case reports	293

D.M.J. Godts, P.A. Evens	
Ophthalmic findings in children with periventricular leucomalacia	297
S. Akca Bayar, S. Oto, S. Aksoy, I. Akkoyun, Y. A. Akova	
Dose effect of botulinum toxin A in heterotropia and heterophoria	301
F.J. Rowe, C.P. Noonan, R. Batra	
The role of botulinum toxin in infantile esotropia	305
M. Vila Franca, H. Nogueira, R. Dinis da Gama, G. Varandas, M. L. Vieira,	
A. Castanheira-Dinis	

Transactions $33^{\rm rd}$ European Strabismological Association Belgrade, Serbia September 2009

Introduction of the 10th E.S.A. Lecturer	5
S. B. Özkan	
ESA LECTURE: Botulinum toxin – The Moorfields Experience	7
J. P. Lee	
Symposium: Amblyopia - Revisited	15
Treating Amblyopia: Evidence from the PEDIG studies	17
J.M. Holmes, USA	
Classification, the aspects of different types of amblyopia	21
B. Stankovic, Serbia	
Amblyopia beyond acuity, pathophysiological implications	25
J.J. Sloper, U.K.	
Symposium: Selected complications in strabismus surgery	29
Lost muscle	31
S.B. Özkan, Turkey	
Anterior segment ischaemia after strabismus surgery	35
J. P. Lee, U.K.	
Ocular perforation in strabismus surgery	39
D. T. Sprunger, USA	
Session I: Amblyopia, Screening, Visual Function	41
Brückner transillumination test in induced esotropia	43
M. Gräf, Q. Alhammouri, C. Vieregge, B. Lorenz, Germany	
Controlled binocular acuity: Optimum method of testing	47
H. Davis, A.Y. Firth, UK	
Ocular dominance or visual localisation? Can this be modified?	49
G. Stephenson, UK	
Session II: Neuroophthalmology	53
Uniocular ocular rotation measures: Octopus versus Goldmann	55
F.J. Rowe, S. Hanif, UK	
Ocular consequences of thalamic stroke	59
F.J. Rowe, VIS Group, UK	
Nystagmus surgery in oculopalatal tremor	63
A.C. Spielmann, France	
Session III: Strabismus Surgery	67
Collagen matrix (Ologen) in strabismus surgery	69
M. Fresina, C. Basiricò, C. Schiavi, E.C. Campos, Italy	
Horizontal or vertical strabismus surgery in peribulbar block and adjustable sutures	73
K. Misailovic, S. Petrovic, M. Kovacevic, Serbia	
Session IV: Esodeviations	77
Restoration of binocular vision after surgery for infantile esotropia	79
A. Roth, C. Speeg-Schatz, F. Dorey, M. Bumbacher, S. Gottenkiene, M. Barthélémy,	
M. Grasser, Y. Trinh, France	
Results of early surgical alignment of infantile esotropia	83
A. Medghalchi, S. Dalili, Iran	
Moderately large bilateral medial rectus recessions in infantile esotropia	87
B. Stankovic, S. Milenkovic, D. Risovic, P. H. Sençanic, A. Stanojevic, Serbia	
Management of infantile strabismus fixus	91
B.B. Kaczmarek, E. Wójcik, Poland; E. Helveston, USA	
Botulinum toxin treatment in patiens with esotropia associated to duane syndrome under	95
three years of age	
R. Gómez de Liaño, R. García Catalán, J. Fraile, O. Rayward, Spain	
Age-related distance esotropia	99
D. Godts, Belgium	

Session V: Exodeviations Divergence fusional Amplitude can predict the surgical outcome of patients with convergence insufficiency:	103 105
C. Schiavi, M. Fresina, E.C. Campos, Italy Topics on surgical management of adults with postoperative consecutive exotropia Marcon, G.B., R. Pittino, Italy	109
Session VI: Oblique & Vertical Disorders	113
A retrospective review of superior oblique tuck surgery for the management of superior oblique palsies in a tertiary referral centre	115
O. Frangouli, L. Garnham, G.G.W. Adams, J.J. Sloper, J. P. Lee, UK Effectiveness of anterior transposition of interior oblique in ipsilateral superior oblique palsy	119
B. Stankov, M. Ljutica, Dj. Obucina, R. Stojkovic, D. Bubalo, Serbia; V. Regoda, Bosnia	&
Hercegovina Dissociated deviations caused by cortico-tectal lateralisation	123
M. Ten Tusscher, Belgium	123
Session VII: Varia	127
Improvement in health-related quality of life in adults with non-diplopic strabismus	129
J.M. Holmes, S.R. Hatt, D.A. Leske, USA	
Microdeviations and macrosymptoms: What to do? V. Paris, Belgium	133
Computer simulation of Brown syndrome	137
M. Buchberger, T. Kaltofen, S. Priglinger, Austria; H. Mühlendyck, Germany	
Retinofilms D. Edaz Agrafaia, V. Marayah, P. Martín, Enrila, H. Maralas Buiz, S. Busta del Campa	141
D. Fdez-Agrafojo, Y. Meroueh, P. Martín, Enrile, H. Morales Ruiz, S. Busto del Campo, Spain	
Posters	145
A new etiology in infant amblyopia. conversion Visual Loss	147
C. Laria, Ma E. Pérez, E. Pérez, D. P. Piñero, J. Torres, J.M. Ruiz-Moreno, J.L. Alió, Spai	n
Amblyopia, Strabismus and Refraction in congenital ptosis	151
W.J. van Wooudenbergh-Van Der Linden, W. Duifhunizen-Visscher, J.T.H.N. de Faber,	
The Netherlands	
Relationship between visual acuity and stereopsis in children with amblyopia treated with occlusion therapy	155
A. Amaral, P. Leitão, L. Pinto, A. Paixão, M. Martins, A. Toscano, Portugal	
Factors associated with treatment failure of anisometropic amblyopia	159
A. Medghalchi, S. Dalili, Iran	
Incidence of ophthalmic disease of children with abnormal head posture	163
C. Hee-Young, South Korea	1.65
Association of extensive myelinated retinal nerve fibers and high degree myopia E. Yalcin, Z. Akingol, S. Sencan, Turkey	165
Stereoacuity using the FD2 at 6 metres, 3 metres, and using a mirror H. Davis, M. Sidhu, J.P. Frisby, UK	169
Partially accommodative esotropia after cataract surgery	173
K. Dae Hyun, C. Gwang Ju, K. Seong Taek, Rep. of Korea	
The use of dynamic magnetic resonance in the diagnosis of ocular motility disorders	177
P. Loba, I. Laudanska-Olszewska, O. Nowakowska, A. Majos, A. Broniarczyk-Loba, Pola	
Pupil reactions in patients with hyperopic amblyopia	181
I.M. Boychuk, N.N. Bushueva, Ukraine Results of 2 hours, 6 hours and full-time patching regimens for treatment of amblyopia	185
C. Hee-Young, South Korea	
Results of recession & anteriorization of inferior oblique muscle for alignment	189
of superior oblique palsy School of medicine Guilen Medical science University, Bookt, Iron	
School of medicine, Guilan Medical science University, Rasht, Iran Strabismus associated with Angelman syndrome	193
Stratismus associated with imgenital syndronic	ェノン
N. Milic, S. Popovic, A. Pepic, M. Stojkovic, D. Rasic, G. Stevanovic, M. Gakovic, Serb	

Surgical approach in treatment of Möebius syndrome	195	
O. Rayward, E. Hernández, R. Gómez de Liaño, Spain		
Surgical results after traumatic section of a lateral rectus muscle: A case report	199	
S. Popovic, M. Jovanovic, A. Pepic, N. Milic, M. Gakovic, Serbia		
The changes of corneal astigmatism and refraction after horizontal rectus muscle	203	
surgery in intermittent exotropia		
H. Heo, G.H. Mun, S.W. Park, Y.G. Park, Korea		
The clinical course and the difficulties in etiological diagnosis in two patients	207	
with painless ophthalmoplegia – case report		
A. Pepic, V. Brankovic-Sreckovic, S. Popovic, D. Mrvos-Cobeljic, J. Mladenovic,		
V. Milic-Rasic, Serbia		
Relations between ocular dominance and macular nerve fiber layer thickness in	209	
intermittent exotropia patients with strong unilateral ocular dominance		
Y.G. Park, J.S. Lee, H. Heo, S.W. Park, Korea		
Evaluation of intelligence quotient (IQ) in patients with congenital strabismus who	225	
were candidates for strabismus surgery in one year period		
A. Bagheri, M.R. Fallahi, M. Zonoubi, M. Abrishami, M. Aletaha, Iran		

Transactions 34^{th} European Strabismological Association Bruges, Belgium September 2011

ESA Lecture The role of pigment in the visual system B. Lorenz, Germany	29
Session 1: screening and amblyopia Eye hand coordination in children with strabismus and amblyopia J. Sloper, C. Suttle, A. Finley, D. Melmoth, S. Grant, UK	39
Superiority of objective evaluation of visual acuity in children V. Paris, Belgium	43
Session 2: visual function / origin of strabismus Ocular dominance. Compatability study between different tests AG. Pechereau, A. Outtara, D. Lassalle, L. Nigua, J. Rondineau, P. Lebranchu, France and Ivory Coast	49
Ocular function in Parkinson disease MX. Repka, Z. Almer, K. Klein, L. Marsh, M. Gerstenhaber, USA	53
Session 3: decision making approach The seven deadly syndromes of cranial nerve III CL. McCarus, V. Rismondo-Stankovich, USA	59
Recession of the four horizontal rectus muscles in congenital nystagmus: subjective assessment by the patients and their families using a questionnaire AC. Spielmann, O. Norbert, E. Chapotot, France	63
Session 4: botulinum toxin Botulinum toxin A in the management of pediatric strabismus	73
VK. Tailor, S. Thomas, GGW. Adams, UK Motor response to botulinum toxinb in childhood esotropia – effect of features of the esotropia and age of first treatment	77
RG. Pinto, I. Silva, F. Braz, R. Seldon, G. Varandos, ML. Vieiro, Portugal Late recurrence of esotropia in patients with essential infantile esotropia aligned at very early age by botulinum toxin injections C. Schiavi, M. Fresina, E. Campos, Italy	81
C. Schlavi, M. Freshia, E. Campos, Italy Comparative study of botulinum toxin and surgery in acquired esotropia management A. Valverde-Megias, R. Gonzalez-Jimenez, E. Piedrahita-Alonso, E. Garcia-Hernandez, R. Gomez-de-Liano, Spain	85
Symposium: Adult strabismus management Topical anesthesia in strabismus surgery	91
R. Gomez-de-Liano, P. Gomez-de-Liano, P. Merino, O. Seijas, Spain Mandatory indications for botulinum toxin use	95
SB. Ozkan, Turkey Strabismus following muscle trauma O. Molinari, Ecuador	97
Orthoptic course Introduction: assessment and measurement towards standardisation in clinical trials	101
E. Caines, Sweden Assessment of visual acuity and contrast sensitivity in children	103
A. Rydberg, Sweden Standardisation of subjective refraction and visual acuity measurements in adults D. Godts, Belgium	107

Ocular alignment and motility: moving variables in clinical trials	111
F. Rowe, UK Testing binocular vision and stereopsis in clinical trials H. Davis, UK	115
Session 5: oblique muscle surgery	
Is inferior oblique recession a 'self-adjusting' surgical procedure?	119
B. Kaczmarek, Poland Effect of strabismus surgery on torticollis caused by congenital superior oblique palsy in young children	123
Isenberg SJ, Kekunnaya R, USA and India From MRI to surgical strategy in A or V pattern strabismus A. Roth, M. Bumbacher, Switzerland	127
The effect of superior rectus recession on superior oblique palsy with superior rectus contracture	131
SB. Ozkan, D. Buran, Turkey	
Round table discussion: oblique muscle surgery update	
Anatomy of the inferior oblique muscle and surgical implications D. Stager Jr, USA	137
Objective analysis of torsion related to oblique muscle surgery A. Pechereau, Lebranchu, G. Le Meur, D. Lassalle, France	141
Particular aspects of oblique muscle resection and transposition V. Paris, Belgium	145
Session 6: special aspects of torsion	
Rotation of the retinal vascular arcades: an accessory sign of ocular torsion CF. Parsa, AB. Kumar, USA and India	153
Canine tooth syndrome resulting from fronto-ethmoidal sinus surgery H. Peeters, K. Baelemans, D. Yuksel, Belgium	157
Different mechanisms of motor fusion may differentiate between patients with true versus masquerading superior oblique paresis	161
K. Irsch, DL. Guyton, HS. Parks, HS. Ying, USA Epidemiological study of strabismus with torsional syndrome	165
P. Lebranchu, G. Le Meur, F. Oger-Lavenant, A. Pechereau, France	103
Session 7: complications and trauma Severe complications of strabismus surgery	171
JA Bradbury, RH. Taylor, UK	1/1
A child with choroidal oedema after uneventful strabismus surgery C. Gobin, S. Swinnen, Belgium	175
How to handle trauma to the eye muscles with a Dutch touch. Do not despair, but repair?	179
JTHN de Faber, I Dekker, MC Rijneveld, D Goes, E de Jongh, R van Ruijven, MJH Tjon-Fo Sand, The Netherlands	
Study of ocular motility in patients with congenital glaucoma	183
E. Hernandez Garcia, A. Valverde Megias, MR. Gomez de Liano Sanchez, Spain	
Session 8: specific aspects of surgery Second surgery in dissociated vertical deviation (DVD)	189
S. Gamio, Argentina	
To evompare inferior rectus recessions versus inferior and superior rectus recessions in patients with vertical deviations in thyroid eye disease on fixed and adjustable sutures	193
J. Hancox, K. Mackenzie, J, Acheson, J. Lee, G. Adams, UK Uni or bilateral recession of the inferior rectus muscle in Grave's orbitopathy patients? HM. Jellema, P. Saeed, YS. Everhard-Halm, L. Prick, M. Mourits, The Netherlands	197

Surgery for consecutive exotropia. An audit of a decade	201
RH. Taylor, UK	207
Surgical options in Duane syndrome A. Arnesto, Argentina	207
71. 74 Hesto, 74 gentina	
Session 9: special aspects of Duane syndrome	
Duane syndrome: clinical pearls contributing to tailored surgery	213
M. Dieltiens, I. DeClippeleir, M. Van Lammeren, L. Baekeland, H. Janssens, L. Beelen,	
L. Govaeris, Belgium	
Surgery and expectations in consecutive exotropia related to lost medial rectus after	217
surgery for eso-Duane	
DE. Cioplean, G. Birlea, M. Dragomir, Romania	
Rosenbaum transposition for Duane's syndrome	221
AJ. Cossari, USA	
Cymposium, 2011 avidence undete. Streetening and uncontainting in management	
Symposium: 2011 evidence update. Strategies and uncertainties in management Amblyopia treatment perspectives	227
B. Stankovic, Serbia	221
Review of recent evidence on management of patients with intermittent exotropia	231
J. Sloper, UK	231
Review of the evidence for surgery in patients with nystagmus	235
J. Sloped, UK	233
Posters	
Preliminary results of treatment efficiency of disbinocular amblyopia with eccentric	241
fixation with prism correction	
S. Rykov, M. Shevkolenko, V. Mellina, Belarus	
The effect of myopic laser keratorefractive surgery on exotropia	245
A. Farahi, H. Hashemi, S. Tavakolizadeh, Iran	2.40
Near compared with distance visual acuity in amblyopic eyes	249
MX. Repka, A. Christoff, B. Kaminski, JM. Holmes, PEDIG Group, USA	252
The dilemma about retinal changes in amblyopia RL. Lolova, NK. Surlekova, Bulgaria	253
Unilateral amblyopia: comparison of time and spectral domain optical coherence	257
tomography in assessing macular and retinal nerve fiber layer thickness	231
S. Petroni, V. Perrotta, R. Parrila, S. Aliberti, A. Salerni, G. Savino, L. Balia, C. Rodini,	
A. Dichmann, Italy	
The change of quality of life in adults after surgical correction of strabismus	261
JB. Lee, SA. Chung, SH. Han, S. Rhia, Republic of Korea	
A wider applicability of the screening refractometer Plusoptix: a Russian experience	265
IL/ Plisov, Russia	
Surgical treatment of partially accommodative esotropia after LASIK surgery – case	269
presentation	
M. Ljutica, V. Regoda, B. Stankov, D. Bubalo, M. Jankov, J. Rebic-Jelic, Serbia and	
Bosnia and Hercegovima	
Premature infants with or without ROP treatment: refractive errors and presence of	273
strabismus	
J. Rebic-Jelic, M. Ljutica, A. Oroz, B. Stankov, Serbia	277
Double – a case report L. Lindverg, Finland	211
Amblyopia children and electrophysiological assessment	279
M. Jarc-Vidmar, J. Rahne, M. Sustar, J. Brecelj, D. Kosec, Slovenia	217
Clinical peculiarities of accommodative esotropia	283
A. Senyakina, N. Bushyeva, S. Martynyuk, Ukraine	
Synkinesis in ocular motility	287
ESM. Toukhi, Egypt	

Standardising reported outcomes of surgery for intermittent exotropia – squaring the circle?	291
AKC. Chiu, N. Din, N. Ali, UK Electronic baropodometry in patients affected by ocular torticollis G. Bellizzi, M. Bellizzi, Italy	295
Results of extraocular muscle electrostimulation in concomitant strabismus treatment IM. Bolchuk, TM. Serebrina, VP. Mazur, Ukraine	299
Ocular abnormalities in patients with Down syndrome	303
T. Huseynova, S. Akar, B. Gokyigit, OF. Yilmaz, Azerbaijan and Turkey Dose effect in advancement of medial rectus muscle for consecutive exotropia WY. Ryu, YA Cho, Republic of Korea	307
Surgical outcomes in intermittent exotropia with a deviation angle of 20PD MMK. Kim, MJC. Cho, Republic of Korea.	311
Consecutive exotropia	313
R. Seldon, F. Almeido, A. Vide Escada, G. Varandos, ML. Vieira, Portugal Principal phenomena of abnormal binocular vision and retinal correspondence in patients with concomitant strabismus; their frequency and dependence on method of investigation TP. Kashchenko, Russia	
Binocular symptoms during tridimensional technology movies display in absence of known binocular pathology	321
A. Yalverde-Megias, P. Toro-Utrero, R. Martinez-Chico, F. Fernandez-Tresguerres, A. Redondo, E. Diaz, R. Gomez-de-Liano, Spain Can patients with strabismus see 3D movies?	323
A. Yalverde-Megias, R. Martinez-Chico, P. Toro-Utrero, L. Palmero-Fernandez, F. Fernandez-Tresguerres, E. Maillo, R. Gomez-de-Liano, Spain	
Recurrent idiopathic orbital inflammatory disease	327
AY. Firth, UK Ophthalmoplegic migraine: case report	329
U. Procoli, G. Rizzo, C. Shorgia, Italy Strabismus in premature infants: prevalence and associated factors	333
S. Gamio, MV. Sors, M. Brassa, Argentina Contra lateral superior oblique posterior tenotomy (SPOT): a primary treatment for diplopia in down gaze following blowout fracture	337
AO. Garrick, G. Hewitt, J. Durnian, IB. Marsh, UK Anterior and nasal transposition of the inferior oblique muscle: indications and surgical outcomes	341
S. Gamio, Argentina Ophthalmic findings in syndromic and nonsyndromic craniosynostosis L. Balia, S. Aliberti, G. Savino, R. Parrilla, V. Perrotta, S. Petroni, P. Sarmiento, A. Salerni, A. Dickmann, Italy	345
Vergence accommodation synkinesis during far and near holograms fixation M. Dostalek, P. Betlachova, T. Jindra, J. Dusek, J. Keprt, P. Fiala, M. Skeren, Czech Republic	349
Case report: marked esotropia following unilateral inferior oblique anterior transposition AC. Fragkou, P. Mortzos, AM. Ansons, UK	353
Congenital IV cranial nerve palsy: characteristics and management E. Jarrin, FJ. Hurtado, L. Cabrejas, JJ. Gonzalez-Lopez, A. Koutsoulidis, JM. Rodriguez-Sanchez, Spain	357
Silent sinus syndrome and eye motility disorders	359
E. de Jongh, MJH. Tjon-Fo-Sang, JTHN. De Faber, D. Paridaens, The Netherlands Anterior segment ischemia after strabismus surgery: a case report	363
I. Lequeu, C. Gobin, Belgium A new suspension recession technique in strabismus surgery	365
ESM. Toukhi, Egypt Hypertropia following eyelid surgry: a case of superior oblique tendon damage GB. Marcon, R. Pittino, EC. Campos, Italy	367

Bilateral asymmetrical inferior rectus recession in a Grave's orbitopathy patient HM. Jellema, CF. Merckel-Timmer, P. Saeed, The Netherlands	371
Thyroid-associated ophthalmopathy (TAO): ocular motility and angle deviation modifications in relation to different therapeutic approaches	373
G. Savino, S. Aliberti, R. Parrilla, V. Perrotta, L. Balia, R. Ghiraldelli, A. Dickmann, Italy	
Management of residual diplopia after reconstructive surgery for orbital fractures	377
P. Loba, O. Nowakowska, A. Broniarczyk-Loba, Poland A case of postoperative apnea associated with topical brimonidine application in 381	
strabismus surgery H. Basmak, H. Gursoy, Turkey	
Traumatic transaction of the lateral rectus muscle with chorioretinitis sclopetaria	383
KA. Mackenzie, SA. Dotchin, DH. Verity, PM, Sullivan, MN. Ali, UK	303
Factors influencing the outcome of eye muscle surgery in exotropia	387
M. van Waveren, F. Schuettauf, C. Engel, D. Besch, Germany	
Nasal periosteal fixation in cases of complete limitation of adduction	391
A. Valverde-Megias, F. Fernandez-Tresguerres, L. Palmero-Fernandez, R. Gomez de	
Liano, JA. Troyano-Rivas, A. Romo-Lopez, Spain	
Retrieval of lost medial rectus muscles without orbital approach	395
HI. Altinsoy, OM. Ceylan, G. Gokce, FM. Mutlu, Turkey	200
Management of consecutive exotropia	399
H. Gursoy, H. Basmak, Y, Aydin, Turkey Cyclic esotropia in a monocular patient with myopia and pigmentary glaucoma	401
S. Popovic, D. Sokic, V. Markovic, I. Marjanovic, N. Milic, B. Stankovic, Serbia	401
Modification of pulleys position after surgery of medial rectus	403
DA. Thouvenin, O. Norbert, E. Chapotot, France	105
Is there any improvement in sensory and motor functions after surgery in neurologically	407
impaired children?	
S. Ziylan, D. Oral, E. Gorgun, RB. Kucumen, F. Ciftci, Turkey	
A case for Hickam's dictum? Complex ophthalmoplegia with several possible causes	411
H. Armstrong, R. Gokani, C. Loong, H. Manji, F. Bremner, UK	
Chronic progressive external ophthalmoplegia, congenital fibrosis of extraocular	415
muscles and ocular myasthenia: retrospective analysis	
G. Savino, S. Petroni, R. Baltendieri, MT. Rebecchi, D. Colucci, R. Mattei, A. Dickmann	,
Italy An unusual case of bilateral Brown's syndrome	419
HT. Sekeroglu, P. Turkcuoglu, AS. Sanac, EC. Sener, Turkey	417
Our experience with surgical treatment of large angle esotropia	423
I. Mravicic, N. Gabric, I. Dekaris, V. Glavota, Croatia	123
Consecutive exotropia after bilateral medial rectus recession in type I Duane's retraction	427
syndrome	
H. Basmak, H. Gursoy, Y. Yaz, Turkey	
Rare cases of congenital cranial nerve palsies with long-term follow-up	429
A. Soproni, P. Domsa, Hungary	
Botulinum toxin in the treatment of early onset esotropia in children with cerebral palsy	433
K. Oyewole, H. Petrushkin, S. Jain, UK	427
Combined medial rectus recession and Fadenoperation for treatment of large angled	437
esotropia with eccentric fixation B. Gokyigit, S. Akar, OF. Yilmaz, Turkey	
Ten-year long term results of botulinum toxin injection in congenital esotropia	441
J. Tejedor, M. Perez-Lopez, M. Leal, JM. Rodriguez, Spain	771
Orbital paraganglioma presenting as lateral rectus enlargement and its novel	445
management	- -
A. Bagheri, M. Aletaha, H. Salour, A. Abdollahi, Iran	
Retrobulbar Xeomin therapy for acquired vertical nystagmus	449
IL. Phsov, VV. Atamanov, Russia	

Transactions 6th International Strabismological Association 1990, Australia

The sixth Bielchowsky lecture: Control of eye vergence and anomalous retinal	7
correspondence	
Bishop PO.	
Amblyopia: Correlation Between Human And Animal Research	25
G K Von Noorden	
Amblyopia In Old People And Residual Amblyopia In Children: Prevalence	31
Before And After Free Visual Acuity Screening And Occlusion Treatment	
E Gregersen, A Jenson, E Rindziunski, T Vinding	
Amblyopia: Care And Prevalence In Pre-School Children,	39
Campinas, Sao Paulo, Brazil	
K M Monteiro De Carvalho, N Kara-Jose, R Caldato, A M Oliviera,	
J Fonseca Neto, V L Pereira	
The Incidence Of Amblyopia In Long Standing Untreated Infantile Esotropia	45
A D N Murray, C Calcutt	
Comparison Of Treatment Methods In Strabismic Amblyopia	51
R M L Doran, S Yarde, A Starbuck	
Amblyopia, Strabismus And Anisometropia In Congenital Glaucoma Patients	61
L M Christmann, JG Ferguson	-
A Trial Of P-ERG For The Aid Of Therapy In Amblyopia	67
S Takayama, K Nomura, K Fujioka, T Shinkai, M Yamamota	0,
Retinal Sensitivity In Amblyopia Cases	73
M Ito, M Imaizumi, H Miyazawa, M Yamomoto	75
Pattern VEP And Accommodation In Anisometropic Ambylopia	79
T Ohzeki	1)
Observations On Grating Acuity Measures Of Children In Clinical Practice	85
Using Teller Acuity Cards	0.5
A Chanda, R M L Doran	
Development Of Visual Acuity Test By Grating Acuity Cards In Pre-Term And	95
Full-Term Newborn And Premature Infants)3
H Miyazawa, M Yamamoto	
Visual And Ocular Motor Assessment Of Infants: A Preliminary Report	101
L Mckenzie	101
	109
Studies Of Stereoacuity In Infants By The Tv-Random Dot Stereo Test	105
S Awaya, Y Mizukami, A Kamiya, E Koizumi, S Miyake	114
Clinical Applications Of Stereograms Made With IBM Microcomputer	115
L L K Lin, S F Wu, J H Jan, A H Wang	101
Evaluation Of Langs Test As A Screening Procedure In Children	121
L A Peduti-Cunha, J A F Caldeira	105
Influence Of Vertical Fusion On Horizontal Fusion	127
W Aust	10
Binocular Dissociation By The Mechanism Of Time Separation	131
A H Wang, J H Jan, J H Yu, L L K Lin, L S Ko	
The Observation Of Eye Movement Using Magnetic Resonance Imaging	137
Y Nishida, E Nishida, K Kani, A Inatomi	
Dynamic Analysis Of Head Movements By Means Of A 3 Dimensional Position	143
Measurement System	
Y Watanabe, H Ohtsuki, H Okayama, H Konishi, Y Fujiwara, S Hasebe,	
M Takeda	
A Clinical Method Of Measuring The CA/C Ratio	149
I Strachan, M Watts	
Photographic Measurement Of The Angle Of Strabismus	155
M S Ruttum, K Shimshak, M Chesner	
The Use Of The Corneal Reflex Test Through Glasses	161

Y Hatsukawa, T Otori, B Patel, C Hogg, P Fells	
Squint Surgery Performed With Measurement Of The Globe By A –Scan	167
Compared With Standard Surgery	
W E Gillies, A M V Brooks	
A Method For Determining Intraoperative Length-Tension Curves Of Human	173
Extraocular Muscles	
J E Egbert, A L Rosenbaum, T M Keoghan Jr, N C Wheeler, K A Buzard, C Wang	
A Right Angle Siamese Twin Calliper For Greater Accuracy And Precision	179
In Eye Muscle Surgery	1//
P E Romano, C E Hess	
	185
Application Of The Computer In Strabismology	183
J H Jan, L L K Lin, A H Wang, Y F Shih	100
Polaroid Photorefractive Screening For Amblyopia	189
H L Freedman, K L Preston	40=
A New Dot Visual Acuity Test For Children	195
H Morizane, K Morizane	
Event-Related Potentials In Disturbance Of Vision Of Psychogenic Origin	201
Y Oguchi	
Pathophysiology Of The Symptoms Of Infantile Strabismus	209
A Spielmann	
Origin Of The Lateral Rectus Paresis In Strabismus of High Myopic Patients	215
B Bagolini, A Dickman, C Tamburrelli, C Colosimo	
Duane's Retraction Syndrome: A Review Of 72 Cases	221
F J Martin, K M Bourne	
Further Insights Into Developmental Errors Causing Duane's Syndrome	229
Revealed By A New MRI Technique	22)
A L Rosenbaum	
Strabismus Resulting From Retinal Detachment Surgery:	235
Some Aspects Of Management	233
A F Hilton	
	242
Oscillopsia In Congenital Nystagmus	243
L A Abel, I M Williams, L Levi	2.40
Treatable Nystagmus (Manifest Latent Nystagmus)	249
R D Reinecke, A A Zubcov	
Results Of Horizontal Rectus Muscle Surgery To Modify The Null Point In	255
Congenital Nystagmus	
J A Pratt-Johnson	
Compensation Mechanisms And Treatment In Nystagmus Patients With	261
Albinism Or Congenital Cataract	
H Muhlendyck	
Symposium On The Management Of Fully Accommodative Esotropia	269
P Fells, PV Berard, M Gobin, A Jampolsky, A C B Molteno,	
G K Von Noorden, C Shor, M Spiritus	
Outcome Of Accommodative Esotropia	307
T Nakagawa, T Kii, S Mori	
Long Term Follow-Up Of Refractive Accommodative Esotropia	315
N Kubota, S Akatsu	313
The Accommodative Component After Esotropia Surgery	319
E L Raab	319
	225
Ultra-Early Surgery For Essential Infantile	325
E M Helveston	225
Late Management Of Infantile Esotropia	335
AA Assaf	<u>.</u>
Stability Of The Monofixation Syndrome	343
B W Arthur, J T Smith, W E Scott	
Clinical Characteristics Of Non-Accommodative intermittent esotropia	349

S Akatsu, H Iwashige, N Kubota, T Maruo	
Defining The Limits Of Safe Recession Of The Horizontal Recti Muscle	355
A M V Brooks, M R Rivers, N T Strong, W E Gillies	
Outcome Of Early Overcorrection Of Exotropia	363
E L Raab	
Binocularity After Surgery For Intermittent Exotropia	363
S M Wolff, D N Loupe	
Surgical Alignment For Exotropia In Children	375
M R Ing	
A Typical Exotropia	381
Y Uemura, N Nozaki, R Yamada	
Differential Resection Of Medial Recti In Convergence Insufficiency	385
P Nemet, C Stolovitch	
Survey Of Current Management Of Intermittent Exotropia In The Usa And Canada	391
P E Romano, M F Wilson	
Treatment Of Exotropia With Gasserian Ganglion Block	397
O Tamura, M Abe	
Botulinum Toxin Treatment Of Strabismus	401
A B Scott	
Botulinum Treatment Of Childhood Strabismus	403
A B Scott, E H Magoon, K W Mcneer, D R Stager	
The Physiology Of Botulinum Toxin	409
J S Elston	
Botulinum Toxin: An Alternative To Squint Surgery In Childhood?	413
S Ahgue, J P Lee	
The Histopathology Of Botulinum Toxin Injection Into Extraocular Muscles	421
R F Spencer	
Botulinum Toxin For Restrictive Strabismus	429
J Lee	40=
A Discussion Of The Current Role Of Botulinum Toxin In Paralytic Strabismus	435
R Fitzsimons	4.40
Lateral Rectus Muscle Transplantation Surgery For Third Nerve Palsy	443
J Norton Taylor	451
Anterior Ciliary Vessel Preservation During Rectus Muscle Surgery	451
C A Mckeown, H M Lambert, J W Shore	457
Personal Approach For Adjustable Sutures Technique E C Campos, C Chiesi, R Gulli, C Schiavi	437
	463
Post Operative Drift Following Adjustable Strabismus Surgery R Morris, B Mccarry, P Fells	403
Results Of Stage III Intraoperative Adjustment Of Eye Muscle Surgery	473
(Under General Anesthesia) For Neuroparalytic And Mechanical Strabismus	473
P E Ramono	
Superior Oblique Silicone Expander For Browns Syndrome And Superior	479
Oblique Overaction	7//
K W Wright	
Desagitalization Of The Superior Rectus: A Simple Method To Correct	481
Abnormal Head Posture In Congenital Absence Of The Superior Oblique	.01
S Miyake, K Tsuzuki, T Yagasaki, S Awaya	
A Study Of Horizontal Strabismus Surgery: Is Medial Rectus Surgery	487
More Effective On Near Deviation?	
M Deguchi, T Yokoyama, K Kamihata, Y Matsuzaka, K Kawanami,	
S Hosoi And H Tanaka	
Overnight Admission Of Outpatient Strabismus Patients	493
S J Isenberg, L Apt, S Yamada	
Neurological Correlates To Strabismus And Other Ocular Motility Disturbances In	501
Meningomyelocele	
Weiningoniyeloeele	

G Lennerstrand, L Samuelson	
Ocular Motility Defects In Motor Neurone	509
K G Gibson	
The Effect Of Radiotherapy On Abnormal Eye Movements In	517
Dysthyroid Obitopathy	
J S Elston, P N Plowman	
Oculomotor Problems Associated With The Blepharophimosis Syndrome	519
J W Walker, R Collins	
Blowout Fractures Combined With Isolated Laceration Of Rectus Muscles	521
C Stolovitch, P Nemet, M Lazar	
Ocular Morbidity In Extremely Low Birth Weight Infants	527
C G Keith, L W Doyle, W H Kitchen	

Transactions International Strabismological Association 19-23 June 1994, Vancouver, Canada

Evaluating The Optical Status Of The Human Eye	3
SH Hay, P Reiner, R Bryant	
Inter-Observer Variability Of Cycloplegic Refraction In Children	7
S Jamal, G R Laroche	
The Variability Of Ophthalmogical Parameters In Normal Children	11
Age 4 ½ To 5 ½ Years	
S Lam, G R Laroche, I De Becker, H Macpherson	
Polaroid Photoscreening. A New Model And Interpretation Standards H L Freeman, L Griffin	15
The Results Of Russell Corporation-Sponsored Eye Screenings In 14,000 Children	19
K S Morgan, J C Kennemer	19
Deficiencies Of The Fixation Mechanism	23
J Lang, P Bischoff	
Photopic Visual Field In 2 Month Old Infants	27
A Fea, M Delpiano, A Soldi, M Musso, E Miraglia, C Martano, L Mayer,	
F Vitale Brovarone	
A Sweep VEP Test For Colour Deficits In Infant Children	31
T D France, J N Ver Hoeve	
Changes In Corneal Topography After Strabismus Surgery In Children	35
X-H Wang, ME Wilson, E LC Bluestein	20
Longitudinal Changes Of Refractive Error In Esotropic Operated And Unoperated Young Children	39
M Spiritus, O Kallay Jr, C Denis, M Van Der Broeck, D Hoffman	
Focal Macular ERG In Ambyopia: With Special Reference To The	43
Difference Between Hypertropic Anisometropia And Myopic Anisometropia	1.5
A Awaya, H Tanaka, Y Miyake, T Yagasaki, N Nakamura, Y Suzuki	
Efficiency Of Preferential Looking Test And PVEP In Detecting	47
Amblyopia In Infants With Or Without Mental Handicaps	.,
M S Roy, M Barsoum-Hornsy, LM Khouri, C Tremblay	
A Comparative Study Of Near And Distant Visual Acuity In Ambyopic Eyes	51
W Haase, B Schmal, B Damashke, E Meyer	
Citicoline Improves Temporarily Visual Acuity Of Amblyopic Patients	55
Outside The Plastic Period Of Visual System	
E C Campos, C Schiavi, P Bededetti, R Bolzani	
Steroid Injection Vs Conservative Treatment Of Anisometropic Amblyopia	59
In Juvenile Adnexal Hemangioma	
MV Motwani, J W Simon, J Pickering, R A Catalano, P L Jenkins	
Using An Ocular Contact Lens For Amblyopia Management	63
C G Summers, LK Davis, JE Egbert	0.5
The Physiology Of Suppression In Strabismus	69
R Harrad, F Sengpiel, C Blakemore	0,
Neuroanatomic Abnormalities Of Visual Cortex In Infantile Esotropia	73
L Tychsen, A Burkhalter	, 5
Fly Test Calibrated	77
W De Decker, E Dannheim, R Gockeln	
Preliminary Evaluation Of A Newly Designed Random Dot Test	81
L L K Lin, S F Wu, A H Wang	01
Binocular Sensory Testing	85
B W Arthur	0.5
Cortical Binocular Recovery Following Strabismus Surgery	89
L W Baitch, M W Preslan	
The Relationship Between The Angle Of Strabismus And Degree Of Binocularity	93
In The Monofixation Syndrome	

Observation Of Retinal Correspondence In Esotropia	97
M Mitta, F Takahashi, K Kani, A Inatomi	
Distance Stereo Acuity Improvement In Intermittent Exotropia Patients	101
Following Surgery	
T D O'Neal, A L Rosenbaum, R A Stathacopoulos	
Discussion Of: Distance Stereo Acuity Improvement In Intermittent	104
Exotropic Patients Following Strabismus Surgery	
D L Guyton	
Abnormal Motion Perception In Early Onset Esotropia	106
S Hague, J Shallo-Hoffman, P Fells, M Gresty	
The Use Of Bangerter Foils In The Management Of Intractable Diplopia	110
A Mcintyre, P Fells	
The Ultrastructural Immunohistochemistry Of Thyroid-Associated Ophthalmopathy	117
A Pappa, P MG Munro, R C Howes, P Fells, S Lightman	
Electrophysiological, Biochemical And Morphological Study In External	121
Congenital Ophthalmoplegia	
A Magli, P Vastarella, T De Berardinis, F D'Esposito, L Santoro, A Orsini, R Nucciotti	
Observation Of Extraocular Muscle Atrophy In Cases Of Peripheral Nerve	125
Palsy Using MRI	
Y Aoki, Y Nishida, T Murata, O Hayashi	
Cine Magnetic Resonance Imaging Of Eye Movements	129
R Harrad, M Potts, P Goddard, J Kabala, B Hoh	
Modified Periodontal Probe For Simplified Forced Duction Measurements	132
H S Metz, R Yeaple	
Variations In Medial Rectus Stretching In Esotropia	136
A Pechereau, M A Quere, M Weber	
The Development Of Eye Movements In Infancy	140
M Jacobs, C Harris, D Taylor	
Saccadic Velocity Analysis In Patients With Divergence Paralysis	144
L Lim, A L Rosenbaum, J L Demer	
Saccadic Velocity And Force Development In Duane's Retraction Syndrome Type I	148
S Tian, G Lennerstrand	
Saccadic Adaption Following Adjustable Suture Surgery	152
R W Hertle, D B Granet, M Movaghar	
Stability Of The Eyes In Torsional Direction: Spontaneous Torsional	156
Eye Movements Are Conjugate	
L J Van Rijn, J Van Der Steen, H Collewijn	
A Combination Horizontal/Vertical Prism Bar	159
U Flueler, K M Elhatton, D L Guyton	
Iris Plane Parallel Measurement In The Hirschberg	163
(Corneal Light Reflection Test) For Binocular Misalignment (Strabometry)	
P E Romano	
Vergence Responses To A Base Out Prism	167
E Cornell	
Comparison Of 3 Standard Clinical Test And A New Test For The	171
Measurement Of Torsional Diplopia	
OKN Asymmetry In Treated Esotropes	175
K W Wright, M Borchert, A A Leverant, J M Hwang	
OKN Asymmetry In Treated Esotropes	178
H P Goldstein, R D Reinecke	1.0
Surgical Treatment Of Exodeviations With Congenital Nystagmus:	182
Problems Related To Deviations With Blocking Convergence And Pseudo-Latent Nystag	
A Spielmann, A C Spielmann	,
Nystagmus Dampening Surgery: Cosmetic Or Functional?	186
J E Egbert, J H Anderson, C G Summers	. 50
Long Term Evaluation Of Extra Ocular Muscle Surgery For Congenital	190

Nystagmus And Abnormal Head Posture E Schulz, E Meyer, W Haase, J Lithander	
The Treatment Of Congenital Nystagmus With Botox	194
J Carruthers	174
Accommodative Amplitude In Children Wearing Bifocals	201
GK Van Noorden, R H Jenkins	
M X Repka	
Discussion Of "Effect Of Bifocals On Accommodative Range Children" By G K Von Noorden And R H Jenkins	205
Hyperopia In Infantile Vs Acquired Esotropia: Implication For Glasses M X Repka	207
Prophylaxis To Prevent Acquired Esotropia G W Cibis, M A Crandall	
Progressive Increase In The Angle Of Deviation In Congenital Esotropia M R Ing	211
Ocular Deviation Under Atropine Cycloplegia As A Predictor Of The	214
Accommodative Component Of Esotropia P Nemet	217
Prism Adaption In Variable Esotropia	217
S A Stewart, C G Summers, J D Lavoie, J E Egbert The Influence Of The Prices Adoption Test (PAT) On Suggestion	220
The Influence Of The Prism Adaption Test (PAT) On Surgery For Intermittent Exotropia	220
S Veronneau-Troutman, E Traykovski, J Derosa The Completion Petrosan Aviel Length, And The Peanence To Strekismus Surgery	224
The Correlation Between Axial Length And The Response To Strabismus Surgery M Graf, T Krzizok, H Kaufmann	
Relating The Angular Correction To The Amount Of Strabismus Surgery	228
W E Gillies, M R Rivers, A M V Brooks	
Results Of 8 And 9mm Bilateral Muscle Recessions For Exotropia	232
J E Berland, M E Wilson, R A Saunders	226
Large Bimedial Rectus Recession (6.5mm Or More) In The Management Of Large Angle Esotropia	236
A A Assaf	
Long Term Effectiveness Of Bilateral Medial Rectus Recession In Congenital	240
Esotropia And Acquired Accommodative And Non Accommodative Esotropia	240
D V Bautista, W E Scott, B Zimmerman, S Sarin	
Surgical Success In Patients With Acquired Esotropia And High Refractive Error	244
J Rysenga, JD Baker, J D Roarty, J Petrunak, M Schweers	
Alignment Success Following Medial Rectus Recessions In Normal And	248
Delayed Children	
J D Pickering, J W Simon, C D Ratliff, K B Melsopp, L L Lininger	
Predictive Factors For Exotropia Following Esotropia Surgery	252
W R Lee, R V Keech, J Kim	
Vertical Shift Of The Medial Rectus Muscles In The Treatment Of A Pattern	256
Esotropia- Analysis Of Outcome	
S E Brooks, G Deb Ribeiro, S M Archer, M A Del Monte	
Treatment For A And V Patterns By Slanting Muscle Insertion	260
B Biedner, Y Yassur	2-1
Unilateral Surgery For Exotropia With Convergence Weakness	264
S P Kraft, A V Levin, R W Enzenauer	260
Anterior Tenonectomy In Horizontal Rectus Muscle Resection: Effect On The	268
Post-Operative Appearance Of The Conjunctiva	
H Van Hecke, M T Miller, P K Rabiah, S El-Naggar Vertical Rectus Muscle Transposition In Complete VI Cranial Nerve Palsy	273
Vertical Rectus Muscle Transposition in Complete VI Cramai Nerve Palsy V Sarnicola	213
The Superior Rectus Contracture Syndrome	279
A Jampolsky	213
v windy	

Inferior Transposition Of The Horizontal Recti (Inverse Knapp Procedure) For The Treatment Of Acquired Inferior Rectus Paresis	283
J P Burke, R V Keech An MRI Study Of Double Elevator Palsy	287
W Cadera, J N Bloom, S Karlik	
The Spectrum Of Anatomic Variations In Congenital Superior Oblique Palsy C Y Lo, T Maruo	291
Facial Asymmetry And Superior Oblique Tendon Laxity In Superior Oblique Palsy E A Paysse, D K Coats, D A Plager	295
Should Early Surgery Be Performed For Head Tilts To Prevent Facial Asymmetry?	299
C R Goodman, E Chabner, D L Guyton True Versus Masquerading Superior Oblique Palsies: Muscle Mechanisms	303
Revealed By Magnetic Resonance Imaging Superior Oblique Myokymia	307
J T H N De Faber, R L J Van Rijn The Use Of The Computer-Assisted Lancaster Test In The Evaluation Of A New Operation For Mild Superior Oblique Palsy	311
C Gonzalez, G Ciniciripini, R Sanchez Unilateral Modified Harada-Ito Procedure For Excyclotorsion Secondary To	313
Unilateral Superior Oblique Palsy M H Younis, A Vivian, J P Lee	313
Effect Of The Superior Oblique Silicone Expander For Superior Oblique Overaction C Park, S C Park	317
Superior Oblique Tenotomy With Expander D Stager, G Beauchamp, M Parks	321
Efficacy Of Posterior Tenectomy Of The Superior Oblique For A-Pattern Anisotropia	322
N Kara-Jose	
Anterior Transposition Of The Inferior Oblique In The Treatment Of Fourth Nerve Palsy	326
C Gonzalez, G Ciniciripini	
Surgical Procedure In Congenital Brown's Syndrome	329
H J Kaiser, H Muhlendyck, H Thaller-Antlanger	
Inferior Oblique Overaction In Congenital Esotropi: Fundus Exocyclotorsion As A Predictive Sign	333
H S Eustis	226
Vertical Deviations Secondary To Inferior Oblique Inclusion In Previous	336
Lateral Rectus Surgery	
R A Cline Negal Mysetemy Of The Inferior Oblique	240
Nasal Myectomy Of The Inferior Oblique D R Stager	340
Observation Of Dissociated Vertical Deviation (DVD) By Infrared Fundus Haploscope	347
A Brown-Limon, R R Jasso, E Limon De Brown, JF Burges, P S Lujambio,	351
T Hernandez A And V Patterns In Untreated Infantile Esotropia And Their Association With DVD	355
C L Calcutt, A DN Murray Analysis Of The Vertical Factor In Early Surgery Of Early Onset Strabismus	359
V Paris Does Dissociated Strabismus Affect Surgical Outcome In Congenital Esotropia?	363
W O Young, M E Wilson, R A Saunders Dissociated Horizontal Deviation	366
D Romero-Apis	. 50
Dissociated Horizontal Deviation And Accommodative Esotropia: Treatment Options When An Eso – And An Exo-Deviation Co-Exist M E Wilson, R A Saunders, J E Berland	370

Ultrastructure Of The Superior Oblique Tendon	374
E M Helverston, M Oberlander, A Evan, B Connors, J Clendenon	
Graduated Superior Oblique Surgery And DVD	377
B P Greaves, A Chadwick	
A Pattern Horizontal Strabismus, Dissociated Vertical Deviation And	381
Superior Oblique Overaction	
D K Coates, E A Paysse, M Sato, E M Helveston	
Surgical Treatment Of Dissociated Vertical Deviation By Faden Operation	385
II El Bably	
20 Years Experience With The Faden-Operation	391
H Muhlendyck, J Goerd, S Kellner	
Posterior Fixation Sutures (Faden Procedure) For The Management Of	395
Convergence Excess Esotropia	
A J Vivian, L Kousoulides, P Fells, J P Lee	
Posterior Fixation: Adjustable And Without Posterior Sutures	399
A B Scott	
Augmenting Surgery For Monocular Esotropia With A Medial Rectus	403
Posterior Fixation Suture	
An Alternative Of Fadenoperations In Acquired Esodeviations With Variable Angle	406
L De Clippeleir, R Apers, L Van Eckhoutte, M Van Lammeren, H Janssens,	
L Baekeland	
One Stage Intraoperative Adjustable Suture Technique For Correction Of Strabismus	410
J S Davis, A W Biglan, R Day, D Landsittel	
Effect Of Adjustable Sutures In Recession Of The Inferior Rectus Muscle In Thyroid	414
Ophthalmopathy	
M S Ruttum	
Discussion Of Paper By MS Ruttum MD	418
S M Archer	110
Strabismus Surgery In Patients With Moebus Syndrome	419
D M Laby, A L Rosenbaum, S J Isenberg, B W Fleck	,
Botulinum Toxin In Esotropic Approach To The Medial Rectus To	423
Recover Lost Muscles	123
C A Mckeown, R B Metson, I M Dunya, J W Shore, M P Joseph	
Botulinum Toxin In Esotropia Patients Up To 3 Years Of Age	429
R Gomez De Liano, J M Rodriguez, P Gomez De Liano, M L De Andres	72)
Long Term Use Of Botulinum Toxin For Adult Strabismus	433
JP Lee	433
Persisting Hypotropia Following Botulinum Induced Protective Ptosis	437
P L O Heyworth, J P Lee	437
	441
Flourescein Angiographic Evaluation Of Anterior Ciliary Vessel Preservation J Olver, P Fells	441
	445
The First Textbook Of Strabismus Surgery J L Mims III And T Boubel	443
	440
A New Method For Doing Chart ReviewsWithout The Chart!	449
V C Hansen, L Rovick, R S Freeman	452
Direct Visualization For Nasocrimal Duct Intubation	453
S K Mcclatchey, S J Jaafar	455
A Manicure For Difficult Crawford Intubations	455
R W Arnold	450
Bilateral, Monocanalicular Crawford Loop: Simple Removal For Remote	458
NLD Patients	
R W Arnold	,
The Association Of Nasolacrimal Duct Obstructionwith Ear Infections	462
C Morse, D Sprunger	
Periocular Infection After Strabismus Surgery	464
J D Kivlion, M E Wilson	

The Autogenous Dermis-Fat Orbital Implant In Children	467
K T Mitchel, D A Hollten, W L White, M A O'Hara	
Serious Ocular Alkali Burns From The Wood Ash Of Fireplaces And Woodstoves	471
J L Zobal-Ratner, J W Simon, S Follett, P Zloty, MW Belin, D Turok	455
Idiopatch Tractional Corectopia	475
C S Atkinson, M C Brodsky, D A Hiles, J W Simon	470
Enhancement Of Perkins Tonometry Using An External Cobalt Blue Light Source	479
JE Berland, TP Powers,R A Saunders, H Rowe, ME Wilson, W C Stewart	400
How Reliable Are Intraocular Pressure Measurements In Awake Infants	482
And Children?	
H Atilla, L Tychsen	106
Pediatric Glaucoma – Angle Findings And Outcome	486
M M Hastings, J M Little	400
Gonitomy For Glaucoma Complication Chronic Anterior Uveitis	488
A S Niffenegger, D S Walton	105
Biometry Technique For Intraocular Lens Implantation In Children	495
J Lawson, M Restori, D Taylor, C Lyons	400
Dimensions Of The Pediatric Capsular Bag: Implications For Intraocular	499
Lenses In Children E. L. C. Physotria, M. F. Wilson, Y. H. Wang,	
E L C Bluestein, M E Wilson, X H Wang	502
Haptic Breakage After IOL Implantation During Infancy In A Non-Human	503
Primate Model S. B. Lambert, H. Grassniklaus	
S R Lambert, H Grossniklaus Pers Plans Vitrostomy And Consulatomy In Padiatria Catagost Fytus ation With	507
Pars Plana Vitrectomy And Capsulotomy In Pediatric Cataract Extraction With Intraocular Lens Implantation	307
T H Metz, M A O'Hara, W C Bauman	
Visual Rehabilitation After Cataract Extraction In Children Using Intraocular	511
Lenses	311
R W Hertle, G E Quinn, D B Schaffer, G D Markowitz, D B Granet,	
J A Napolitano	
Posterior Chamber Intraocular Lenses: Long Term Results In Pediatric	515
Cataract Patients	313
E R Crouch Jr, S H Pressman, E R Crouch	
Intraocular Lens Implantation In Children (Techniques And Results 1991-1993)	519
K M Brady, D A Hiles	31)
Review Of Proceeding Four Papers In Intraocular Lens Implantation In Children	523
J D Baker	323
Modified Indirect Ophthalmoscopy For Evaluation Of The Pediatric Retina	527
D K Coats, E A Paysse	02.
Can Non-Ophthalmologists Screen For Retinopathy Of Prematurity?	529
R A Saufders, E L C Blustein, J E Berland, M L Donahue, M E Wilson	0-2
Complications Of Zone One Retinopathy Of Prematurity Treatment	533
J W Mcmanaway III, R Demaio, G W Blankenship	
ROP In Discordant Twins	537
R R Fellows, M L Mcgregor, D L Bremer	
Measurement Of Low Vision In Advanced Cicatricial Retinopathy Of Prematurity	542
P J Droste, M T Trese	
Molecular Diagnosis Of Inherited Retinal Degeneration In Asymptomatic Children	545
A V Drack, B E Nichols, C Sheffield, E M Stone	
An ERG, VEP And Eye Movement Assessment Of Children With	549
Bardet-Biedl Syndrome	
T Lavy, C M Harris, F Shawkat, D Thompson, A Kriss	
Photoaversion In Lebers Congenital Amaurosis	553
E I Traboulsi, I H Maumenee	
Causes Of The Strabismus And Diplopia After The Retinal Surgery	556
J M Hwang, K W Wright	

Retinal Re-Detachment After Strabismus Surgery	557
N Sondhi, E M Helveston	
Management Of Experimental Globe Perforation During Strabismus Surgery	561
D Sprunger, S Kalpper, J Bonnin, J Minturn	
Electroretinography As A Tool In Distinguishing Bardet-Biedl And	565
Alstrom Syndromes In Early Childhood	
A V Whittingham, S R Lambert, W B Dasher, A V Drack	
Discussion: Can Non-Ophthalmologists Screen For Retinopathy Or Prematurity?	569
E A Palmer	
Ocular Findings In Rubenstein-Taybi Syndrome: Results Of The First International	573
Symposium	
C M Ohnsman, M J Burke	
Craniosynostosis Syndromes In British Comlubia	577
J Carruthers, D Berg	
Congenital Ocular Synkinesis (Aberrant Innervation)- New Concepts	581
H L Freedman, B J Kushner	
Strabismus Associated With Marcus Gunn Synkinsis	585
C Lyons, P Fells, R Collin	
Strabismus Associated With Meningomyelocele	589
A W Biglan	
Intracranial Pathology In Children Presenting As Concomitant Strabismus	593
C Timms, D Taylor	
Cerebellar Astrocytoma Presenting As Acquired Comitant	597
Esotropia At Age 18 And 27 Months	
M S Jaafar, M L Z Collins, A I Rabinowitz	
Outcome Of Sixth Nerve Palsy In Young Children	601
M Aroichane, M X Repka	
Prevalence Of Intracranial Lesions In Children Presenting With Disconjugate	605
Nystagmus (Spasm Nutans)	
K A Arnoldi, L Tychsen	
Epiretinal Membrane: An Unusual Complication Of Childhood Optic Neuritis	609
M X Repka	
Delayed Visual Maturation	612
F Lods, C Gramet	
Ophthalmological Examination Of Brain Damaged Children	616
M De Bideron	

Transactions of $8^{\rm th}$ International Strabismological Association 10-12 September 1998, Maastricht, The Netherlands

Eight Bielchowsky lecture: The influence of superior oblique anatomy on function and treatment	xliii
Helveston E	2
Retinal Nerve Fibre Layer Thickness In Human Strabismic Amblyia	3
TP Colen, JTHN De Faber, H G Lemij	
Assessment Of Detection, Resolution And Recognition Acuities In Children, Aged 3 ½ - 6 Years, With Normal Vision, Visual Impairment Due	7
To Ocular Disease And Strabismic Amblyopia	/
A Rydeberg, G Lennerstrand	
Visual Acuity Tests Using Chart, Line And Single Optotype In Healthy And	11
Amblyopic Children	11
Rotterdam Amblyopia Screening Evaluation Study Ramses	15
V K Lantau, R E Juttman	13
Amblyopia Is A Cause Of Visual Handicap	19
G Kvarnstrom, P Jakobsson, M Abrahamsson, E Bjernbrink Hornblad, B Sunnqvist	1)
Measurement Of Treatment Compliance In Patching For Amblyopia	23
H J Simonsz, Bg Dijkstra	23
Ametropic Bilateral Amblyopia	26
K Verhoeff, R J Grootendorst, J T H N De Faber	20
Visual Prognosis In Children With Bilateral High Refractive Errors	29
G Shalit, A Mulvihill, J Howell, G G W Adams	
The Fate Of The Hugh Hypermetropic Eye. A Long Term Follow Up	33
E Mezer, B Miller, Y Shauly, A Tamir, W Haase, A W Biglan, E Meyer	
The Pattern Of Visual Evoked Potentials In Treatment Of Ambyopia In Children	37
A Kubatko-Zielinska, K M Krzystkowa, J Lebiedz	
The Strabismus Inheritance Study In Tasmania (SIST) A Pilot Study To	41
Investigate The Risk Factors Involved In The Inheritance Of Strabismus And The	
Phenotypic Expression Of Strabismus In Families With Affected Pairs	
R M Wilkinson, J M Barbour, C H Wilkinson, D A Mackey	
Motion Detection Test In Central And Peripheral Vision	45
V Belli, E Petrelli, R Bolzani	
Contrast Sensitivity, Receptive Fields And Mach Bands	49
E Petrelli, V Belli, R Bolzani	
Proprioceptive Effects On Space Localisation In Strabismus	53
Y Han, G Lennerstrand	
Does Early Onset Strabismus Inhibit The Development Of The Uncrossed Optic	57
Pathway	
V Herzau, S Starc	
Binocular Visual Field Of Strabismus Measured By Starlight Test	61
T Hirai, Y Ito, K Ttsuzuki, M Sato	
A Development Of A New Four-Dot Test To Assess Suppression Scotoma	65
Without Glasses	
T Fujikado, I Matsuda, J Hosohata, G Ohmi	
Tonic Interocular Suppression In Amblyopia And Exotropia	69
S I Kawano, K Seki, E Watanabe, K Takechi, T Tsukada, T Maruo	
Binocular Function Of Parents Of Children With Infantile Esotropia In Japan	73
K Kanemoto, Y Miyzaki, M Sato	
Disruption Of Binocular Fusion By Adult-Onset Macular Dystrophy	77
R M L Doran, O Nelson	0.1
The Effect Of Visual Acuity On The Predictive Value Of The Post-Op	81
Diplopia Test And Botulinum Toxin A Treatment	
JES White, E Dawson, JP Lee, C Bunce	05
Long-Term Wearing Of Prism – A Conservative Way To Cure Squint	85

Deviations In Childhood E Strangle-Zuschrott	
Heterotopy Of Extraocular Muscle Pulleys Causes Incomitant Strabismus J L Demer, R A Clark, J M Miller	91
Normal Fusion Amplitudes: With Special Attention Paid To Cyclofusion D K Parkingson, J P Burke, T L Shipman	95
A Computer Based System For Acquisition, Recording And Analysis	99
Of Eye Movement S Tian , J Yegge, R Bolzani, G Lennerstrand	
Horizontal Disparity Vergence Indifferent Gaze Positions	103
A Dickmann, D Di Nichiola, N Gianfrancesco, G Savino, L Scullica	
Vergence Stability In Microstrabismus	107
L J Van Rijn, M P M Ten Tusscher, I De Jong, F Henrikse	111
Vergence Eye Movements And Asthenopia: Is Vergence Training Useful? A F Van Leewen, J T H N De Faber, J Van Der Steen	111
The Spring-Back Balance Test, Evaluation Of The Conjunctival Component	115
A Pechereau, J M Halberdier, F Lignerreux, F Oger-Lavenant	113
The Electromyometer. A New Instrument For Measuring Muscle stretching	119
A Perchereau, J Chereau	
Strabismus As An Initial Symptom In Children With Brain Tumors M D Mills, D Puccetti	123
A Multi – Centre Prospective Study Of Traumatic Sixth Nerve Palsy	127
J M Holmes, D A Leske, P J Drost, R W Beck	
Botulinum Toxin A (BTA) In Treatment Of Paralytic Strabismus	131
(VI And IV Nerves Palsy) In Early And Late Periods Of Paralysis	
K M Krzystkowa, R Szpytma, A Kubatko-Zielinska, A Madroszkiewick Results Following Treatment Of Third Cranial Nerve Palsy In Children	135
L A Schumacher-Feero, A W Biglan, F Mendiola Solari, K W Yoo	133
A Patient With Sudden Diplopia Due To Abduction Limitation.	138
Paralytic Or Mechanical?	
S P A Van Hulst-Ginjaar, R J W De Keizer, M Swart-Van Den Berg, G J Vielvoye	
Treatment Of Paralytic Strabismus With Transposition And	142
Transplantation Of The Superior Oblique	
X Guo, L Ma, G Xu Different Forms Of Congenital Fibrosis Of The Extraocular Muscles	146
W E Gillies, A M V Brooks, M Scott	140
Synergistic Divergence In Association With Congenital	150
Extraocular Muscle Fibrosis	
S B Ozkan, E Kir	
The Evaluation Of Chronic Progressive External Ophthalmoplegia	154
With Computerized Tomography	
S B Ozan, M F Soylev, Z C Karaman, E Kir, I Durak	150
Congenital Innervation Defect Syndrome A A Assaf	158
A Relationship Between Strabismus And Congenital Blepharoptosis	162
N Kubota, T Hayashi, T Maruo, N Ikuta, M Nakagawa, C Usui	102
Natural History Of Stilling-Tuk-Duane Retraction Syndrome And Risk	166
Factors Of Decompensation	
K Mcmain, G R Laroche, F Tremblay, J Zurenbinsky	
Frontalis Muscle Transposition In Ptosis With Unwanted	170
Eyelid Movements Tan Tusseher MPM, Roddi P	
Ten Tusscher MPM, Roddi R Assessment Of Visual Function, Orthoptic Findings And Underlying	173
Diseases In MMH Children With Cortical Visual Impairment	1/3
B Kasmann-Kellner, K W Ruprecht	
Ventriculo-Peritoneal Shunt Dysfunction Caused By Wearing Glasses	177

J R M Cruysberg, P W M Snijders-Bosman, W O Renier	
Eye Muscle Surgery In Parry-Romberg Syndrome: A Useful Therapy?	181
C Kingma-Wilschut, J T H N De Faber	101
Double-Bellied Inferior Oblique Muscle: A Cause Of Recurrence Of	187
Inferior Oblique Overaction	107
S P Kraft, D Deanelis, I Maker	
The Neurofibrovascular Bundle Of The Inferior Oblique Muscle:	190
	190
Surgical Implications Of Recent Findings	
D R Stger Sr, D R Stager Jr	104
A Congenital Accessory Inferior Oblique Muscle Fibrous Band	194
Resulting In Mechanical Restriction Of Down Gaze	
A Ansons, A Spencer	
Quantification Of Inferior Oblique Muscle Recession	197
K Monteiro De Carvalho, N Minguini, F J Dantas, P Lamas, N K Jose	
Pharmacologic Enhancement Of Inferior Oblique Myectomy	201
P Nemet	
Inferior Oblique Recession: Correcting Small Angle Esotropia With V-Patten	203
Aa El-Din	
A Prospective Evaluation Of Anterior Transportation Of The Inferior Oblique	207
Muscle, With And Without Myectomy, In The Treatment Of	
Dissociated Vertical Deviation	
A G Quinn, S P Kraft, C Dy, R S Taylor, A V Levin	
Indications And Clinical Results Of Weakening Both The Superior	211
Rectus And Inferior Oblique Muscles	211
R A Saunders	
Do Simultaneous Inferior Or Superior Oblique Weakening Procedures	215
	213
Affect The Outcome Of Horizontal Deviation Surgical Correction?	
N Minguini, F J Dantas, K Monteiro De Carvalho, D C Moreira Filho	221
Cephalometric Study Of Facial Asymmetry Associated With Long-Standing	221
Superior Oblique Palsy	
M Sato, M Maeda, T Ohmura, T Ukai	
Isolated Unilateral Overaction Of The Superior Oblique Eye Muscle	225
W De Decker, E Dannheim-De Decker	
Treatment Of Superior Oblique Palsy In Infants	229
D A Plager, E M Helveston	
Efficacy Of Superior Oblique Disinsertion Or Tenectomy For Correction	233
Of A Pattern Anisotropia	
M Goldschmit, J Belmiro De Castro Moreira	
Superior Rectus Recession And Inferior Oblique Myectomy For The	237
Treatment Of Congenital Superior Oblique Palsy	
T Hayashi, F Hasegawa, K Nishide, H Iwashige, T Maruo, C Usui	
A New Surgical Procedure For Marked Bilateral Superior Oblique Palsy:	241
Preliminary Report	
A Jampolsky	
Long And Short Term Results Of Silicone Expander For Brown Syndrome	245
D R Stager Jr, D R Stager Sr, M M Parks, M Pesheva, M C Bane	243
	240
Management Of Bagolini's Syndrome – Plagicephaly Causing	249
Superior Oblique Deficiency And Ocular Torticollis	
C Y Lo, T Maruo	252
The Muscle Sequelae Following Acquired Unilateral Superior	253
Rectus Muscle Palsy	
A Spencer, A Ansons	
Can Analysis Of Saccade Help To Determine Inflammatory Activity In	259
Thyroid Eye Disease?	
H D Schworm, A E Heufelder, A Kunze, E Welge, T Eggert, K P Boergen	
Early Strabismus Surgery For Thyroid Ophthalmopathy	263

D K Coats, E A Paysse, D A Plager, D K Wallace	
Incidence And Mechanism Of Oculomotor Disorder After Translid Bony	267
Bony Orbital Decompression For Thyroid Related Orbitopathy	
A C Spielmann, T Maalouf, J L George	
Changes In Eye Position And Ocular Motility After Orbital Decompression	271
D Godts F De Wilde, H Smet, P Evens, L Smeets, M J Tassignon	
Ocular Motility Complications Associated With Endoscopic Sinus Energy	275
M F Murphy, G G W Adams, J J Sloper	
Uniocular Restriction Of Elevation Associated With Sinusitis	279
M F Murphy And G G W Adams	
Lateral Incomitance In Intermittent Exotropia	285
E Nichol, A Ansons	
Is "Earlier" Surgery A Sensory Benefit In The Treatment Of	289
Intermittent Exotropia	
J D Baker, M Schweers, J Petrunak	
Outcome Study Of Bilateral Lateral Rectus Recession For Intermittent	293
Exotropia In Children	
M R Ing	
Large Angle Exotropia Corrected By Intraoperative Botulinum Toxin A And	297
Monocular Recession Resection Surgery	
P L Owens, M B Stominger, P A D Rubin, S Veronneau-Troutman	
Comparison Between Recess-Resect Surgery And Bilateral Recession In	301
The Correction Of Lateral Deviation Of Intermittent Exotropia	
T Nakagawa, M Ohba, N Sasaki, H Osanai,	
Y Pattern Exodeviation – A Variant Of Duane's Retraction Syndrome	305
S B Ozkan, E Kir, V Daynair	
Prevalent Forms Of Childhood Esotropia	311
B Mohoney	
Prism Adaption For Acquired Esotropia With Distance/Near Disparity	315
L Baker, A M Ansons, J P Burke	
Motor Outcome For Infantile Esotropia Using Video Corneal Reflex Test	319
Y Hatsukawa, Y Kawai, T Yamagishi, M Ishizaka, A Murai, G Ohmi,	
T Fujikado	202
Outcome Of Bimedial Recessions V Resect Procedures	323
J A Bradbury, C Thompson	207
Bimedial Rectus Recession To Equator Site In Infantile Esotropia	327
A Vinciguerra, S Pensiero, F Parentin, P Perissutti	221
A Comparative Study Of Faden (Post Fixation Sutures) Versus Recession	331
Surgery In Esotropia M. El Charleiri, E. Astich	
M El Cherbini, F Attiah Infantila Onset Esettenia: Evaluation Of Management Outcome	335
Infantile Onset Esotropia: Evaluation Of Management Outcome	333
A A El Din, A Rizk Prognostic Value Of Primary Inferior Oblique Muscles Overaction	339
In Refractive Accommodative Esotropia	339
C Schiavi, C Bellusci, E Gasparrini, E Campos	
Refractive Surgery Of Accommodative Esotropia: 2 Different Approaches	343
S Frosini, R Caputo, L Campa, L Frosini, R Frosini	343
The Effect Of Laser In Situ Keratomileusis In Accommodative Esotropia	347
S C Park, C Park	341
Dissociated Vertical Deviation: Etiology And Mechanism	353
D L Guyton, E W Cheeseman, F J Ellis, D Straumann, D S Zee	333
Reality Of Vertical Deviation Asymmetry In Early Onset Strabismus:	357
Observation During General Anesthesia As A Predictive Sign	331
V Paris	
The Preventative Management Of DVD In Infantile Esotropia	361
Y A Cho	201

Review Of Inverse Knapp Procedure: Indications, Effectiveness And Results	365
V Maurino, A Kwan, J P Lee	
Surgery In Vertical Acquired Nystagmus	369
A Spielmann, G Aflalo, A C Spielmann	
The Efficacy Of Adjustable Suture Technique (AST) In Paediatric	373
Strabismus Surgery	
T J Chan, A L Rosenbaum, L Hall	
Seprafilm In Repeated Strabismus Surgery To Reduce Surgical Scaring	377
A A Assaf	
New Strabismus Surgery With An Absorbable Jaw Clip To Reduce	381
Suturing Procedures	
B M Mion, S Y Kim, J M Yang	
Positional Changes Of Reattachment Site After Superior Rectus	385
Recession In Rabbit	
J Y Kwon, E H Lee, J P Shin, H C Song	

Transactions 9^{th} International Strabismological Association 17-20 April 2002, Sydney , Australia

Introduction Of The 2202 Bielschowsky Lecturer	3
G Lennerstrand Where Should Strabismology Be Going? Pearls And Refuse From Our Past	5
E C Campos	27
Vision Screening In The Netherlands – Up To Date	27
V K Lantau, R E Juttmann	25
Outcomes Of A School Vision Screening Programme	35
L Wilcox, E Cornell	20
The Rationale For The UK Amblyopia Treatment Trial	39
S Richardson, S Hrisos, J Anderson, J Henderson, C Wright, M Clarke Visual Screening In Sweden. Effectiveness In The Reduction Of Amblyopia And Costs	41
G Kvarnstrom, P Jakobson, J Dahlgaard	
Symposium: Thyroid Associated Ophthalmology	49
A Boschi, R Fitzsimmons, A Jampolsky, A Mcnab, A Rosenbaum	
Symposium Of Terminology	73
S Veronneau-Troutman, E C Campos, R Laroche, D T Sprunger, C Dunlop,	
A Roth, C Souza-Dias	
Refractive Surgery And Strabismus: Workshop	89
L Kowal, J De Faber, C Calcut, S Fawcett	
Strabismology Advice For The Refractive Surgeon	95
J De Faber, M Tjon Fo Sang	
Heterotopic Pulleys And Anomalous Head Posture In Comitant Strabismus	99
J L Demer	
Guidelines For Management Of Anomalous Head Posture In Comitant Strabismus	103
C Schiavi	
Primary Monofixation Syndrome In Discordant Monozygotic Twins With Strabismus	109
T Yagasaki, M Sato, Y Hotta	
The Characteristics Of Patients With Chronic Progressive External Ophthalmoplegia	113
(CPEO)	
C Richardson, T Smith, A Schaefer, P Griffiths	
A Development Of Stereotest Using Luminance Modulation	117
N Sekimoto, M Mizuno, K Okai, A Akaike, Y Takami, S Asonuma, J Hosohata,	
S Suyama, H Takada, S Sakai, T Fujikado	
Intraoperative Adjustment In Strabismus Surgery	121
J B Lee, Y H Chang, S H Han	
A Case Of Bilateral Congenital Superior Oblique Palsy Developing After Trauma	125
S Kusuhara, A Kanamori, K Ishibashi, Y Sekiya, A Negi	
Crowding Phenomenon With Logmar Based Test	129
R Kuwahara, Y Mori, H Shirabe, K Ishibashi, Y Sekiya, M Yamamoto	
Visual Dysfunction In Children With Reading Problems	133
D Godts, M Tassignon	
Surgical Results Of Acquired Non-Accommodative Esotropia	137
D T Sprunger, S J Whang, J G Galli	
Electrophysiological Differences Between Early And Late Onset Amblyopia	141
J L Sloper, A R Davis, M M Neveu, C R Hogg, M J Morgan, G E Holder	
Anterior Transposition Compared To Graduated Recession Of Inferior Oblique	145
For V Pattern	
K Monteiro De Carvolho, N Miniguini, L Costa De Araujo, C Crosta	
Stabilization Of Postoperative Deviation By Fadenoperation For Exotropia	149
Y Hatsukawa, M Ishizada, A Nihmi, T Nakao, T Yamagishi	
About The Origin Of A Pattern	153
A Dickmann, M V Stella, A Salerni, C Rendeli, E Salvaggio, M Calderelli, G Savino	
Neural Network System And Childrens Strabismus Operation Design	157

W Xixi, X Yu, D Tajian	
Moderate Amblyopia In Children Less Than Seven Years Of Age:	163
Experience Of The Amblyopia Treatment Study 1	105
M X Repka,	
The UK Amblyopia Treatment Trial: Visual Acuity And Stereoacuity	167
Values In Treated And Untreated Unilateral Straight Eyed Amblyopia	107
M Clarke, S Richardson, S Hrisos, J Anderson, C Wright	1.00
Long-Term Visual Outcome In Primary Microtropia	169
T Matsuo, Y Kawaisha, R Kuroda, H Ohtsuki, Y Watanabe	4=0
Morphological Changes Of The Optic Nerve Head In Albinism Are Frequent	173
And Have Functional And Refractive Implications	
B Kassmann-Kellner, K W Ruprecht	
Anatomical Differences In Optic Nerve, Chiasm And Optic Tracts In Human Albinism	177
Demonstrated By MRI Evaluation	
B Kasmann-Kellner, T Schafer, C M Krick, M Backens, K W Ruprecht, W Reith,	
B Schmitz	
C-Fos, Egr-1, Bcl-2, And C-Jun Decreases In Visual Cortex Of Cats With	181
Monocular Visual Deprivation	
Lejun Wang, Li Wang, W Xixi, K Zhao	
Clinical Tests Of Distance Stereopsis: State Of The Art	187
J P Frisby, H Davis	
Outcome Study Of Stereoacuity In Relation To Duration Of Misalignment	191
In Congenital Esotropia	
M R Ing, L M Okino	
Aniseikonia Measured By Hess Chart And New Aniseikonia Tests	197
Toshi Hirai, Miho Sato, K Ukai, C-H Piao, H Terasaki, Y Miyake	171
Unilateral Recession With Anterior Transposition Of The Inferior Oblique	203
Muscle For Correction Of Hypertropia In Primary Position	200
M Goldchmitt, S Felberg, C Souza-Dias	
Gaze-Related Orbital Pulley Shift: A Novel Cause Of Comitant Strabismus	207
· · · · · · · · · · · · · · · · · · ·	207
J L Demer, R Kono, W Wright, S Yeul Oh, R A Clarke	211
Clinical Findings And Surgical Results Of True And Masquerading Congenital	211
Superior Oblique Palsy	
M Sato, E Amino	015
Effectiveness Of Extraocular Muscle Surgery In Macular Translocation	215
With 360 Degree Retinotomy	
T Fujikado, H Shimojyo, J Hosohata, Y Tano	
Tenon Capsule Transposition In Cases Of Major Excyclotorsion	219
A C Spielmann, A Spielmann	
Oculomotor Dysfunction In Migraine	225
S Chowdhury	
Botulinum Toxin In Chronic Sixth Nerve Palsy	233
J M Holmes, D A Leske	
Partial Augmented Rectus Extraocular Muscles Transposition	237
M T Britt, A L Rosenbaum, F G Velez, N Thacker, D Alcorn, R Scott Foster	
Modified Hummelsheim Procedure Augmented By Posterior Fixation	243
For 6 th Nerve Palsy	
A Rizk	
I Type Duane's Retraction Syndrome: Pre And Post Operative Saccades Evaluation	249
G Savino, D Colucci, S Russo, N Gianfrancesco, D D Nicola, A Dickmann	
Predictive Factor For Upshoot And Downshoot In Duane's Retraction Syndrome	253
K Mohan, V Saroha, A Sharma	
Enlarged Muscle Strabismus	257
L Kowal, S Cochrane, P Mckelvie, O Bigault	,
Extraocular Muscle Cysticercosis	261
K Mohan, V Saroha, S S Pandav, A Sharma	
,	

Acquired Orbital Fibrosis	265
C Souza-Diaz	
Extra-Ocular Muscle Limitation In Chronic Progressive External	269
Ophthalmoplegia (CPEO)	
T Smith, C Richardson, A Schaefer, P Griffiths	
Ocular Motility Abnormalities In Patients With Blepharophimosis	273
E Dawson, J Lee, R Collin	
Diplopia As A Complication Of Sinus Surgery: A Presentation Of Four Cases	275
J T H N De Faber, C Kingma-Wilschut, R J Grootendorts, W Visscher	
Diplopia In Patients With Orbital Fractures	279
A T Fenton, M Dirani, Z Georgievski, M A Coote, J Varvarigos	
Anderson-Kestenbaum Procedure For Torticollis Secondary To Congenital Nystagmus	285
P R Mithcell, M M Parks, M B Wheeler, P G Walden, C J Kelly	
Surgical Management Of Anomalous Head Posture Due To Horizontal Gaze	291
Palsy Or Acquired Vertical Nystagmus	
C Schiavi, C Bellusci, E C Campos	
Preliminary Results Of Performing The Tenotomy Procedure On Ten	295
Adults With Congenital Nystagmus (CN)	
R W Hertle, L F Dell'osso, E J Fitzgibbon, D Thompson, D Yang, S D Mellow	
Large Horizontal Recti Recession For Treatment Of Congenital Nystagmus:	299
Longterm Results	
M K Ibrahim, D T Sprunger, L A Abel, C J Winton, E M Helveston	
Acute Esotropia In Heroin Withdrawal	305
L Kowal, J Mee, S Nadkarni, M Kozminsky, S Kalff	
Distance Eso Deviation Or Vergence Insufficiency	307
B Gillies, A Brooks	
Cyclic Esotropia: V Pattern And Upshoot In adduction	311
J W R Pott, D Godts, J T H N De Faber	
Occlusion For Early Overcorrection Of Exotropia	315
E L Raab	
Eye Muscles In Different Stages Of Thyroid Associated Orbitopathy:	321
MRI And Tension Measurements	
G Lennerstrand, S Tian, B Isberg, L Tallstedt, R Bolzani, H D Schworm	
Orthoptic Findings In Patients With Thyroid Associated Ophthalmopathy	325
A Rydberg, L Tallstedt, H Dieter Schworm	
Botulinum Toxin Treatment Is Helpful In Thyroid Ophthalmopathy:	329
A 15 Year Aurtralian Review	
C Dunlop, D B Dulop, P Dunlop, G Pittar	
Nonadjustable Strabismus Surgery For Restrictive Thyroid Eye Disease	333
D Godts, P Evens, F De Wilde, H Smet	

$Transactions\ 10^{\rm th}\ International\ Strabismological\ Association\ 18-20\ February\ 2006,\ Sao\ Paulo,\ Brazil$

Introduction Of The 2006 Bielschowsky Lecturer	3
Helveston E Changes in strabismus over time: the roles of vergence tonus and muscle length	7
adaptation	,
Guyton DL	
Introduction of the CLADE Lecturer	37
Shokida F	
The laws and rationales of the oculomotor balance	39
Bicas HEA	
Duanes retraction syndrome	73
Ozkan S	
The trochlea	81
Helveston EM	
Torsional surgery	87
Souza-Dias C	
Different techniques for weakening the superior oblique muscle	93
Goldchmit M	
Weakening the four oblique muscles in the treatment of DVD	97
Garnio S	
Inferior oblique marginal myotomy	101
Illanes MEO	
Amblyopia treatment studies – 2006	107
Repka MX, Holmes JM, Quinn GE, Hertle RW	
Causes and outcomes for patients presenting with diplopia to an eye casualty	111
department	
Cornes R, Dawson E, Lee J	
Ophthalmic nystagmus diagnosis and treatment and differentiation from	117
neurological nystagmus	
Hertle R	100
Non-strabismic esotropias	122
Repka MX	104
Modern surgeries for 3 rd nerve palsy	124
Kowal L	120
Treatment of strabismus fixus with high myopia Gokygit B, Akar S, Yilmaz OF	129
• •	137
Amblyopia in capillary haemangiomas Jellema HM, Prick W, van der Horst CMAM, Saeed P	137
The effect of induced anisometropia on stereovision	139
Davis H, Keating P, Smith R, Frisby J	135
Fundoscopy in the Dutch orthoptic bachelors course	145
Kozeis N, Tourvalis E, Gatos A, Kyropoulos A	14.
A new test of visual functional assessment (VFA-K test) for developmentally	153
delayed children	130
Kozeis N, Saiti P, Felekidis A, Thoidou E, Triantafyllou G	
Management of ROP: close monitoring and early cryotherapy leads to favourab	ole 159
results	.10 137
Kozeis N. Triantafyllou G. Koulali F. Felekidis Δ	

Contrast sensitivity assessed with the Lea contrast test in 10 years-old preterm	165
and full-term children	
Rydberg A, Holstrom G, Larsson E	
Eccentric viewing training – comparing situation and success in Kenya and	169
Germany	
Verweyen P	
An original approach of microtropic amblyopia: the package	175
Paris V	
Open your eyes for infant screening	181
Lantau VK, Groenewoud JH, de Koning HJ	
Preschool visual screening: the original Belgian approach	189
Paris V, Cordonnier M, Guit-Neuforge A, Pirard-Gilbert L, Dubru JM, Mauroy M	IC
Early detection of strabismus with the help of digital pictures	195
Franceschetti A, Mawas LJ, Vital-Durand F, Diraison MC, Leplat F	-, -
Phakic (iris fixated) IOLs for anisometropic myopic amblyopia in children: pilot	201
Study	201
Igrahim MK, Ibrahim TA, Al Moor OK	
	209
The course of intermittent exotropia in a population-based cohort	209
Mohney B	211
The comparison of the surgical result between unilateral lateral rectus recession-	
medial rectus resection and bilateral medial rectus resection in recurrent exotropia	l
Choy DG, Park HY	
Intermittent exotropia: comparative surgical results of lateral recti-recession and	213
monocular recess-resect	
Fiorelli VMB, Goldchmit M, Uesugui CF, Souza-Dias	
Palpebral fissure changes after horizontal muscle surgery	219
Soltan-Sanjari M, Parsa CF, Guyton DL	
A new technique of inferior rectus recession operation	225
Gokyigit B, Ozturk A, Akar S, Kaunak P, Akbas U, Yilmaz OF	
Adjustable suture strabismus surgery in infants and children	233
Sharma M, Bazemore MG, Said HA, Guyton DL	
Strabismus surgery learning for ophthalmology residents	239
Monteiro de Carvalho K, Flores VG, Minguini N, Vieira JC, Temporini ER	
Re-recession of the medial rectus muscle in patients with undercorrected	243
esotropia	
Marcon GB	
Standard strabismus surgery for thyroid related ophthalmopathy	249
Rotberg L, Sprunger D, Sindhi N, Plager D, Neely D	217
Surgical audit of double elevator palsy	255
Moreker S	233
	257
Drift of ocular alignment following strabismus surgery with adjustable sutures	231
Isenberg SJ, Abdarbashi P	265
Suppressed synkinetic blinks accompanying saccades: an apparent artefact in eye	265
movement recording	
Timms C, West P	
Vergence adaptation under conditions of artificially reduced monocular vision	269
Davis H, Firth AY	
Baclofen for patients with congenital periodic alternating nystagmus	273
Comer RM, Dawson ELM, Lee JP	
Clinical and electrophysiological effects of extraocular muscle surgery on	277
infantile nystagmus syndrome	

Hertle RW, Yang D	
Superior oblique recession and anterior transposition in management of A-pattern	283
exotropia with superior oblique overaction	
Rizk A	
The effect of overacting superior oblique muscle tenectomy associated to anterior transposition of inferior oblique muscle in patients with dissociated vertical deviated vertical deviates.	
Krieger FT, Lambert AC, Alves TCF	
Shift of the insertion of the superior oblique muscle by sclera buckling: clinical	297
features and surgery	
Spielmann AC	
Adjustable superior oblique advancement for bilateral superior oblique palsy	303
Holmes JM, Leske DA	
Strabismus secondary to retinal detachment surgery: mechanisms and treatment	311
Guemes A	
A practical and theoretically optimal surgical approach to Duane syndrome	315
Parsa CF	
Latex glue: a solution for ptosis after botulinum toxin	321
Simoes B, Knupp S, Silveira T	
After-effect of alcohol on binocular vision or the morning after the night before	325
Hockley CE, Firth AY	
Telemedicine experience with superior oblique palsy	331
Helveston EM	

337

Ocular motility problems following episcleral plaque brachytherapy Dawson ELM, Sagoo M, Hungerford J, Lee JP

Transactions 11th International Strabismological Association Update on Strabismology. Editor: SB. Ozkan 22-25 September 2010, Istanbul, Turkey

Obituaries	
Bruno Bagolini	xxi
David Ben-Ezra	xxiii
Wilfried de Decker	XXV
Willian Elliott Gillies	xxvii xxix
Joseph Lang John P. Lee	XXIX
Arthur L. Rosenbaum	XXXIII
Attitul L. Rosenbaum	λλλΙΙΙ
The Linksz award and medal	
Introduction of Linksz awardee: A. Gunnar Lennerstrand	3
DL. Guyton	_
Introduction of Linksz awardee: ADN. Murray	5
BJ. Kushner	
The 11 th Bielschowsky lecture	
Introduction of the Bielschowsky lecturer: BJ. Kusher	9
DL. Guyton	
Incomitant strabismus: does extraocular muscle form denote function?	11
BJ. Kushner	
Symposia: surgical management of residual/consecutive strabismus	
Strategies for esodeviations	29
L. Kowal	2)
Strategies for cyclovertical disorders	31
DL. Guyton	
Role of botulinum toxin to rescue failed strabismus surgery	37
SB. Ozkan	
IOA symposium: screening strategies around the globe	
Premature for life: is targeted screening required for preterm children	43
AR. O'Connor	73
Vision screening across the world	48
NS. Matta, DI. Silbert	
A Canadian model for vision screening: rational, methodology and future direction	51
LA. Walsh, GR. LaRoche	
Symposium: imaging in strabismus management – does it affect your decision?	
Ultrasound biomicropscopy in strabismus management	55
SP. Kraft	50
Role of CT and MRI in strabismus management	59
TM. Bosley	<i>c</i> 0
Role of muscle pulleys – the MRI evidence	60
JL. Demer	
Symposium: pharmacological treatment of strabismus	
Benefits of botulinum toxin therapy for strabismus	72
JP. Lee	
Problems with BTXA treatment	73
R. Gomez de Liano	

Correcting strabismus with Bupivacaine AB. Scott	74
Future therapeutic agents for strabismus SP. Chistiansen	75
Round table discussion: the expert view of difficult strabismus and amblyopia EC. Campos, ADN. Murray, DL. Guyton, EM. Helveston, JP. Lee	77
Workshops Amblyopia 2010; what we have and have not learned from the PEDIG amblyopia treatment studies MX. Repka, JM. Holmes	93
How to manage convergence insufficiency type intermittent exotropia	97
JM. Hwang, HK. Yang Can we operate exotropia with hemianopia? M. Sato	106
The role of dynamic retinoscopy	111
D. Somer	117
Aphakia – how to correct it? JTHN. De Faber	11/
Inferior rectus adjustment: a variation	121
MF. Shokida A systematic approach to eye muscle surgery in patients with nystagmus	125
RW. Hertle, L. Kowal	123
Eye movement recordings and clinical evaluation: how well fo they correlate? L. Kowal, L. Abel	143
Evaluation of strabismus and eye movements	145
DT. Oystreck Management of patients with congenital fibrosis of the extraocular muscles EI. Traboulsi	148
Papers	
Age related distance esotropia D. Godts	151
Response to binocular testing in intermittent exotropia H. Davis, E. Dawson, C. Powell, D. Buck, P. Tiffin, R. Taylor, J. Rahi, J. Sloper,	156
P. Cumberland, MP. Clarke Binocular stakes in primary exotropia	161
A. Roth, H. Muhlendyck, M. Bumbacher	
The psychological impact of strabismus: does the angle really matter?	166
AE. Ritchie, P. Colapinto, S. Jain The contribution of cyber-sight E-consultation as a tool for the evaluation of	170
strabismus	-, -
ERF. Sampaio, AMB. Casella, M. Goldschmit, EM. Helveston Which method should be used for evaluating the activity of thyroid orbitopathy: clinical activity score or urinary glycosaminoglycan level?	175
AA. Demirtay, S. Kutluk, G. Bugdayci, G. Kural	
Long term results of surgical treatment in Brown's syndrome S. Harmanci Karakus, B. Gokyigit, S. Akar, G. Varan, Y. Yildirim, D. Tuzun, A.	179
Demirok, OF. Yilmaz Duane retraction syndrome – Alexamdria study	182

D. Shawky, M. El Basha, K. Gabaliah	
High myopic esotropia: outcomes of surgical management with the Yokoyama	186
technique	
C. Schiavi, M. Fresina, EC. Campos	101
Retinal structure in amblyopia: a study of foveal topography A. Bruce, I. Pacey, JA. Bradbury, BT. Barrett	191
Regression of amblyopia after occlusion therapy in adults	195
FG. Yilmaz Cinar, D. Somer, A. Burcu, N. Demir, F. Ornek	175
Structure function relationship in amblyopia: assessment of retina ganglion cells	199
by OCT and pattern ERG	
B. Tugcu, M. Kilic, ET. Erdogan, U. Yigit, S. Karamursel	
Does size matter? An investigation of anisometropia	203
KL. Saba, R. Fitzsimons	
Laterality of amblyopia	208
MX. Repka, K. Simons, R. Kraker	
Treatment of eso and exophoria with botulinum toxin A	213
G. Lennerstrand, B. Eriksson-Derouet, M. Engstrom, S. Tian	
Botulinum toxin treatment in the management of infantile esotropia: a long term	218
follow-up	
H. Basmak, H. Gursoy, A. Ozer, N. Yildirim	
Botulinum toxin injection into the superior rectus for treatment of strabismus	222
N. Ali, E. Dawson, JP. Lee	
Response to intentional small surgical over-correction in children versus adults	225
with longstanding exotropia	
K. Arnoldi, JD. Reynolds	
Medial rectus pulley (posterior fixation) sutures: use in acquired esotropia with	229
convergence excess	
L. Kowal, L. Mitchell	
Surgical and functional results in operated infantile esotropia	234
D. Cioplean, G. Birlea, M. Dragomir	220
Combining an adjustable recession with a posterior fixation suture JM. Holmes, SR. Hatt, DA. Leske	238
A comparative study of adjustable versus non-adjustable suture horizontal	241
strabismus surgery in adults	∠ + 1
SP. Kraft, K. Mireskandari, M. Cotesta, J. Schofield	
Severe complications of strabismus surgery. British ophthalmic surveillance unit:	245
incidence	273
JA. Bradbury, RH. Taylor	
A national register for enhancing quality of strabismus surgery in the Netherlands	248
LJ. Van Rijn	
Effect of symmetrical and asymmetrical bi-superior rectus recession in patients	252
with dissociated vertical deviation	
LA. Teodorescu, I. Velcea, O. Andrei	
Recession of the four oblique muscles in acquired cyclotorsional nystagmus	257
AC. Spielmann	
Pearls and pitfalls in the treatment of excyclotropia	260
V. Paris	
Posters	
Only the nasal retina is used for eye alignment during monocular fixation	265
MPM. Ten Tusscher	

Stereo and visual acuity assessment of young children with Lea symbols RH. Lolova	269
Stereoacuity in Lang I and Lang II in the child: prediction of the anisometropia N. Zouaoui-Kesraoui, B. Azzemou, S. Bensid, G. Bouazza	272
Automatic refraction: cyclopentolate or atropine? N. Zouaoui-Kesraoui, B. Azzemou, S. Bensid, G. Bouazza	277
Stereopsis after early surgery for bilateral congenital cataracts S. Nishina, M. Tanaka, T. Yokoi, Y. Kobayashi, N. Azuma	282
Measurement of the deviation using modified Fresnel prisms N. Sergienko, S. Rykov, V. Petrov, M. Shevkolenko	287
Factors associated with treatment failure of anisometropic amblyopia A. Medghalchi, Y. Alizadeh, R. Soltanimoghaddem	290
A randomised trial of atropine versus patching for treatment of moderate amblyopia	295
A. Medghalchi, M. Mohhammadi, K. Amirrafie Correlation between axial length difference and refractive error difference in children with strabismus/amblyopia	301
A. Tanaka, M. Yamashita, M. Tomita, M. Mochizuki The effect of Banferter foils in visual acuity	304
AMR. Mackay, CM. Leach Comparison of atropine-optical penalisation versus occlusion for moderate amblyopia	306
B. Tugcy, C. Gurez, U. Yigit	200
Contrast sensitivity functions in the normal eyes of amblyopia B. Tugcy, C. Gurez, U. Yigit, A. Agachan	309
The effect of optic disc factors on retina nerve fibre layer analysis and pattern ERG parameters in amblyopia	312
B. Tugcy, M. Kilic, ET. Erdogan, A. Agachan, U. Yigit, S. Karamursel Use of automated objective accommodative measurements to screen for	315
amblyopia	313
DI. Silbert, NS. Matta, EI. Singman Screening for amblyogenic risk factors using the PlusoptiX S04 photoscreener on the Indigent population of Honduras	319
DI. Silbert, NM. Matta, CL. MacCarus, EA. Matta, EL. Singman Evaluation of macular thickness in eyes with strabismic amblyopia	322
E. Oba, G. Gulkilik, M. Odabasi, GZ. Ozkurt Aniseikonia in anisometropic amblyopia	325
HD. Demir, H. Atilla, R. Duman, U. Erkorkmaz Model of binocular interaction in amblyopia founded on the sensory and motor functional indices of clinical data IM. Boychuk	330
Are children who present with NLDO more likely to have amblyopia risk factors? NM. Matta, EL. Singman, DI. Silbert	335
Comparison of retinoscopy, biometry and keratometry in anisometropic amblyopia	339
R. Duman, H. Atilla, E. Catak Macular thickness and retinal nerve fibre layer thickness measurements in amblyopic and normal eyes of children using spectral domain OCT YC. Besselink, PHB. Kok, R. deKinkelder, J. Kalkman, MEJ. Van Velthoven,	343
C. Leach, FD. Verbraak Evaluation of decompensation of accommodative esotropia	346

Evaluation of decompensation of accommodative esotropia A. Medghalchi, K. Amirrafie, R. Soltanimoghaddam	346
A surgical option for antipodean strabismus: four horizontal muscle surgery AA. Assaf	350
Evaluation of the development of fusion and stereoacuity after surgical treatment in cases with infantile esotropia	354
C. Gurez, B. Tugcu, U. Yigit Botulinum toxin A treatment in infantile esotropia B. Gokyigit, S. Akar, A. Ozturk, S. Sabanci, V. Kaya, A. Demirok, OF. Yilmaz	356
Improved efficiency of posterior strapping when placed at the exact position of medial rectus pulley in purely tonic esotropia	359
D. Thouvenin, C. Lesage, O. Norbert, E. Chapotot Long-term outcomes of infantile esotropia after surgery	363
G. Gokce, OM. Ceylan, T. Mumcuoglu, FM. Mutlu, HI. Altinsoy The Bruckner reflex in esotropia and anisometropia	367
M. Graf, B. Lorenz Infantile esotropia over 20 years of age M. Kucukevcilioglu, OM. Ceylan, FM. Mutlu, HI. Altinsoy	371
Treatment outcomes in fully refractive accommodative esotropia S. Polat, CU. Can, B. Ilhan, M. Yasar, AG. Kocak Altinsoy	374
The effects of fusion and stereopsis on surgical success in patients with concomitant esotropia	377
U. Yigit, S. Ozdemir, B. Tugcu, A. Agachan How is accommodative esotropia managed around the world? An international survey of Orthoptists practice patterns KE. Lee, K. Koklanis, Z. Georgievski	380
The role of the vertical elements in long standing divergent strabismus EM. EIToukhi	384
Are large angle exodeviations more likely to recur following strabismus surgery? K. Arnoldi, BE. Spencer, S. Smith, JD. Reynolds	388
Clinical characteristics in patients with sensory heterotropia B. Tugcu, S. Keskin, C. Tanriverdi Coskun, U. Yigit	392
Postoperative recurrence of exotropia: time and ratio	394
Z. Soyuk, B. Gokyigit, S. Akar, G. Oyur, Z. Kapran, OF. Yilmaz Comparison of symmetric and asymmetric operations in the treatment of intermittent exotropia	398
G. tatar, I. Erbagci Long-term results of surgery for intermittent exotropia	402
K. Keskinbora, F. Horozoglu, T. Gonen, O. Sever Binocular visual field changes in patients with acquired homonymous hemianopia and exotropia	ı 406
M. Asano, Y. Fujita, M. Washiyama, R. Inagaki, T. Negishi, A. Hikoya, Y. Hotta, M. Sato	
Personal experience in surgical treatment of secondary exotropia M. Fresina, C. Basirico, C. Schiavi, C. Gizzi, EC. Campos	410
Secondary exotropia following faden operations of medial rectus: a retrospective analysis of matched cases S. Akar, B. Gokyigit, OR. Yilmaz	413
The impact of prism adaptation test on surgical outcome in patients with primary exotropia A.Kryak Yilmaz, S. Kose, O. Uretmen	418
Surgical effectiveness of medial rectus advancement for consecutive exotropia	423

GB. Marcon, R. Pittino	
Surgical outcomes in patients with divergence excess intermittent exotropia	428
L. Niyaz, H. Gursoy, H. Basmak	
Faden operation with conventional surgery on the medial rectus: 6 months results	431
M. Dogan, B. Gokyigit, S. Akar, OF. Yilmaz	
One muscle surgery in small to moderate angle horizontal deviations	435
N. Sefi Yurdakul	4.00
The effectiveness of anterior transposition of inferior oblique muscle for primary	439
superior oblique muscle palsy	
B. Gokyigit, D. Alps, S. Akur, H. Altinkaynak, OF. Yilmaz	112
Surgical treatment of double elevator palsy P. Colvigit S. Alson DV. Holimbon, A. Ogtuels, Z. Sovuls, V. Kovis, OF, Vilmon,	443
B. Gokyigit, S. Akar, PK. Hekimhan, A. Ozturk, Z. Soyuk, V. Kaya, OF. Yilmaz Asymmetric muscle involvement in CPEO	446
C. Loong, R. Gokani, H. Armstrong, F. Bremner	440
Transposition of the lateral rectus muscle for N III palsy	450
M. Graf, B. Lorenz	730
Two cases of isolated superior oblique palsy caused by endoscopic sinus surgery	455
T. Negishi, N. Katori, K. Nishimura, A. Hikoya, M. Sawada, Y. Hotta, M. Sato	133
Myectomy versus anterior transposition of the inferior oblique muscle in	460
unilateral superior oblique paresis	
FM. Mutlu, B. Eryuruk, FC. Erdurman, HI. Altinsoy	
Therapeutic efficacy of botulinum toxin in abducens nerve palsy	464
F. Braz, S. Silva, R. Fialho, ML. Vieira	
Using torsion to assist the diagnosis of bilateral superior oblique palsy	469
K. Muecke, Z. Georgievski, K. Koklanis	
Clinical features and strabismus surgery in mitochondrial myopathies: analysis of	474
24 patients	
A. Armesto, M. Plut, MC. Ugrin, E. Travelletti, H. Iturriaga, E. Nunez, A. Schlaer	
Congenital fibrosis of extraocular muscle case series	478
D. Shawky, M. ElBasha, K. Gaballah	400
Congenital fibrosis of extraocular muscles: a report of five cases	482
EN. Cetin, GO. Cetin, S. Ozen, C. Yildirim	105
Brown syndrome secondary to dog bite (canine tooth syndrome)	485
E. Comert, U. Beden, D. Erkan	488
Is Brown syndrome a congenital cranial dysinnervation disorder? M. Flaherty, J. Smith	400
Yokoyama's procedure for correcting globe dislocation in highly myopic	492
strabismus	7 /2
S. Akar, B. Gokyigit, P. Kaynak Hekimhan, A. Demirok, OF. Yilmaz	
A case of myopic strabismus fixus with increased intraocular pressure	497
S. Haneda, M. Kanno, M. Sato, I. Oonuma, H. Yamashita	.,
Yokoyama procedure for strabismus fixus in high myopia after previous	502
unsuccessful recess/resect maximal surgeries	
B. Kaczmarek, E. Wojcik	
Combined mechanisms of restriction in strabismus after retinal detachment	505
surgery	
A. Arnesto	
Use of botulinum toxin type A in type I Duane retraction syndrome	509
S. Harmanci Karakus, B. Gokyigit, S. Akar, G. Varan, Y. Yildirim, D. Tuzun, A.	
Demirok, OF. Yilmaz	510
Results of bilateral medial rectus muscle recession in improvement of the	512

ocular alignment in patients with unilateral Duane syndrome	
A. Medghalchi, M. Mohhammadi, K. Armirrafie	
Significance of structural muscular anomalies in etiology and operative treatment	516
of congenital unilateral Duane's retraction syndrome	
S. Rykov, A. Senyakina, M. Shevkolenko	
Modified Y-splitting procedure in Duane retraction syndrome	520
AG. Kocak Altintas, HB. Arifoglu, C. Can, S. Polat, G. Koklu	
Pseudo-Duane's retraction syndrome secondary to orbital trauma: case report	523
A. Pelit	
Symmetrical surgery in type I Duane's syndrome	526
H. Gursoy, H. Basmak, AI. Cakmak, L. Niyaz	
Clinical features and surgical outcomes of Turkish patients with Duane retraction	529
syndrome	02)
OM. Ceylan, G. Gokce, A. Turk, FM. Mutlu, HI. Altinsoy	
Ocular manifestations in children with mental retardation	533
A. Yaman, M. Parlak, AT. Berk	333
	537
Ocular motility improvement in Crouson syndrome after neurosurgical	331
intervention without strabismic operation	
B. Tugcu, O. Orum, S. Zrylan, H. Camuscu, E. Hocaoglu	C 4 1
Ocular alignment and surgical results of strabismus in neurologically impaired	541
patients	
CU. Can, S. Polat, M. Yasar, B. Ilhan, AG. Kocak-Altintas	
Scleroderma and eye motility disorders	545
E. de Jongh, FJ. Hordijk-Noordhuizen, M. Tjon-Fo-Sang, RLJ. Van Ruyven, JTH	N.
De Faber	
Strabismus in retinopathy of prematurity	549
FS. Kosen, H. Atilla, F. Batioglu	
Strabismus in pediatric cataract	553
NS. Yurdakul	
Strabismus in congenital cataract	557
O. Uretmen, DI. Bozbiytk, S. Kose	
Ophthalmic outcome of preterm and low birth weight infants	560
SK. Pocan, O. Uretmen, C. Sahbazov, S. Kose, S. Nalcaci, ET. Erakgun, J. Mentes	S
Internal ophthalmoplegia after inferior oblique myectomy: a report of three cases	
C. Yildirim, EN. Cetin, M. Acar, F. Yaldrzkaya	
Severe complications of strabismus surgery: British Ophthalmic Surveillance	567
Unit: 6 months outcome	201
JA. Bradbury, RH. Taylor	
Management of lost medial rectus muscle durgin strabismus surgery	570
HI. Altinsoy, OM. Ceylan, G. Gokce, FM. Mutlu	370
	572
Influence of subtenon Bupivacaine injection on oculocardiac reflex in strabismus	313
surgery	
H. Basmak, H. Gursoy, B. Yelken, Y. Isildi	
Use of the Cogan lid twitch to identify myasthenia gravis	576
NS. Matta, EL. Singman, DI. Silbert	
Vertical nystagmus lesion of neural integrator	579
S. Moguel	
Reading impairment following stroke: ocular and non ocular causes	584
FJ. Rowe	
Prevalence of cranial nerve palsy and associations following stroke	589
FJ. Rowe	

Longterm results of the unilateral inferior oblique myectomy C. Sovyagalan, S. Damiral, N. Onursayar, O. Ilhan, Sarga, B. Bastanai, caran, I. Car	594
G. Soyugelen, S. Demirel, N. Onursever, O. Ilhan-Sarac, B. Bostanci-ceran, I. Car Comparison of the effectiveness of peribulbar and sub Tenon's anaesthesia in horizontal strabismus surgery	597
OM. Ceylan, G. Gokce, A. Turk, FM. Mutlu, HI. Altinsoy	
Treatment of Heimann-Bielschowsky phenomenon: a novel procedure on two	602
cases	
AA. ElKamshoushy, DT. Sprunger	
Quality of life in children following strabismus surgery	606
EN. Cetin, GO. Cetin, S. Ozen, C. Yildirim	
Depression and self esteem in children with congenital nystagmus	610
Y. Yildirim, S. Akar, B. Gokyigit, DU. Yildirim, U. Celik, S. Harmanci, OF. Yilm	naz
Clinical characteristics of foveal hypoplasia	613
MM. Kim, JS. Hong	
Association of strabismus and pseudostrabismus	617
NS. Yurdakul	
Propranolol for capillary haemangiomas, a preliminary study	620
YC. Besselink, HM. Jellema, C. Van der Horst, P. Saeed	
Reoperation in strabismus	622
D. Shawky, M. El Basha, K. Gaballah	
Utilisation of surgical microscope when performing bilateral lateral rectus	627
recession in large angle alternating exotropia	
E. Oba, G. Gilkilik, C. Uslu, S. Tiryaki, M. Odabasi	
Comparison of the results of strabismus surgery measured from the insertion of	631
the corneoscleral limbus in concomitant horizontal strabismus	
A. Turk, HI. Imamoglu, H. Erdol	
Effects of ocular parameters in faden operation	635
M. Dogan, S. Akar, B. Gokyigit, OF. Yilmaz	
The comparative ultrastructural observation of inferior oblique muscle in primary	637
and secondary overaction: mitochondria, vacuole and caveola density	
V. Oguz, S. Cetinel, A. Sarici, MD. Bilgec, C. Arici	
Particular aspects of strabismus surgery in adults	641
C. Vladutiu, L. Postolache, S. Sevan	
The median tucking is a new technique of strabismus surgery	645
IL. Plisov, KG. Puzyrevsky	
Tutopatch*: extraocular horizontal muscle elongation for cases in which	648
conventional surgery is not possible	
AEL. Langenhorst	
Medial rectus pulley (posterior fixation) sutures: use in spectacle intolerant	651
patients	
L. Mitchell, L. Kowal	
Inferior oblique muscle resection and anteriorisation for treatment of hypertropia	657
following orbital fracture repair	
IBY. Wong, CS. Ngo, S. Farazavandi	

1967 Transactions of First International Orthoptic Congress, London, UK

Some Anomalies Of Binocular Vision	1
A Jampolsky	
The Sensory Aspects Of Abnormal Retinal Correspondence	32
MH Fitton	
The Treatment Of Abnormal Retinal Correspondence	43
W Aust	
The Similarities Between Binocular Single Vision And Abnormal Retinal	48
Correspondence	
KE Bullock, P Catterill, VA Hughes	
The Use Of Space Diagnostic Methods And Of Prismotherapy In The	62
Treatment Of Sensory Alterations Of Convergent squint	ŭ -
A Arruga	
Prisms – Their Therapeutic Use In Concomitant Strabismus With Normal	68
Correspondence	00
PV Beraki	
The Selection Of Cases For Orthoptics And Pleoptics In The USA	73
J Hurst	13
	88
The Selection Of Cases For Orthoptic Treatment.	00
A Discussion Of Special Problem	
BL Gosnell	0.5
The Purpose And Significance Of The Cover Test	95
EB Marshall	104
Some New Aspects Of Convergence Insufficiency Treatment	104
A Raab, C Steinberg-Raab	
The Treatment Of Early Convergent Squint.	107
An Analysis Of The Different Factors	
Influencing The Final Therapeutic Result	
G Mariani, L Pasimo	
Some Aspects Of Functional Versus Organic Amblyopia	115
GK Von Noorden	
The Time To Operate	129
TK Lyle	
Cyclotropia As A Possible Cause Of Squint Particularly In V And A Syndromes	142
TK Lyle	
Surgical Principles In The Treatment Of The A And V Phenomena	149
A Stanworth	
The Use Of Plastic Materials In Muscle Surgery	158
E A Dunlap	
Clinical Feature Of The Retraction Syndrome	165
J Mein	
Electrophysiology Of Eye Muscle	178
A Huber	
Traumatic Anomalies Of Binocular Vision	192
E Cameron	
Blow-Out Fractures Of The Orbit	207
GM Bleaker	20,
Discussion	
Squint Dating From Birth Or Early Onset	231
J Lang	231
The Value Of Contact Lenses In Orthoptics	238
M Ruben, JW Walker	230
Nystagmus In Childhood	249
• •	∠ 4 7
KC Wybar	262
Alternate day Squint	262

MJ Roper-Hall, JMS Yapp	
Vertical Deviations Of Anisometropia	272
CT Hart	
Vertical Deviations Of Anisometropia	277
J Bagshaw	
The Importance Of Early Orthoptic Investigation And Treatment In Very	287
Young Children	
GH Boardman	
The Symptoms Of Ocular Deviations In Adolescents And Adults	293
TAS Boyd, GE Budd	
The Immediate And Long-Term Results Of Orthoptics In Exodeviations	300
S Sanfilippo, AC Cahane	
The Training Of Orthoptists In Australia	319
P Lance	
Orthoptics In Brazil	323
CF Gallo, Z Nagueira	
The Education Of Orthoptists In France	326
MJ Besnard	
The Education Of Orthoptists In The UK	328
FB Badcock	
The Education Of Orthoptists In Holland	328
JG Van Der Bosch	
Orthoptics In Switzerland	335
P Jost	
The Training Of Orthoptists In The USA	337
LJ Gerard	
The Action of Miotics On The Eye And On The Patient	342
P Jameson Evans	0.45
The Use Of Di-Isopropylflourosophate In The Treatment Of	345
Accommodative Squints	
J Bryer	
Miotic Therapy	352
R Salisbury	2.70
The Action Of Di-Isopropylflourosophate In The Management Of Esotropia	358
S Moore	264
Report On The Documents And Historical Exhibition	364
F Barnett	

${\bf 1971\ Transactions\ of\ Second\ International\ Orthoptic\ Congress,\ Amsterdam}$

Introduction	1
BM Lee	2
Opening Address WB Gerritsen	3
The Progress Of Orthoptics	5
AS Van Paassen, J Mein, BM Lees	3
Can Cases Of Heterophoria And Convergence Insufficiency With Abnormal	9
Fixation Disparity Curves Be Treated By Orthoptics	
RA Crone, ELM Dekker-Bonants	
Fixation Disparity Method Of Testing Binocular Functions In Patients With	20
Microstrabismus	
EJ Arnott, CL Calcutt, KT O'Callaghan, M Welburn	
Does Binocular Single Vision Exist	24
MH Gobin	
Peripheral Fusion Orthoptics	28
T Miyashita, Y Araki, Y Kikuchi	
Stereoscopic Visual Acuity In Defective Binocular Vision	36
MH Fitton, N Boyle, A Dayson, L Roughsedge, J Simms	
The Binocular Visual Field In Small-Angle Strabismus	43
B Bagolini, G Ravalico	
The Postoperative Shift Of The Suppression Scotoma	50
JJM Bierlaagh, MH Gobin	50
The Importance Of Eliminating Suppression	53
JM White The Treatment Of Small Analy Frateria	<i>5.</i>
The Treatment Of Small-Angle Esotropia	56
ECJF Keiner Sensory Influences On The Motoricity Of The Eyes	59
J Otto	39
Determination Of The Objective Angle	65
C Cuppers	03
The Sensorial State In Divergent Strabismus	72
K Krzystkowa, J Pajakowa	, 2
The Utilization Of Prisms In The Treatment Of Divergent Strabismus	77
AP Ravault, M Bongrand, G Bonamour	
The Use Of Central Nervous Drugs In Orthoptics	85
S Fukai, S Uchida, J Tsutsui	
Pharmacological Studies On Accommodation	96
G Callingham, N Restrepo, I Baras, MA Galin	
A Further Investigation Into The Problems Of Alternating Sursumduction	103
EV Mclellan	
Campimetria Of Small Inhibitional Scotoma Following Cure Of Squint	109
Investigation By Phase-Difference Haploscope After Aulhorn	
W De Decker	
What Is Abnormal Retinal Correspondence	112
A Macleod, K Bullock, B Unwin, C Giles	
The Management Of Abnormal Retinal Correspondence	114
S Hugonnier, C Bernard	
Results Of Orthoptic Treatment Of Squinting Children In Relation	117
To Laterality	
G Prigent, J Lavat, J Sales, S Jasik, M Oliver-Farcot, F Widme	101
Neurophysiology Of Amblyopia	131
T Flynn The Evaluation Of Visual Acuity	139
The Evaluation Of Visual Acuity A Th, M Van Balen	139
11 111, IVI Y AII DAICII	

Visual Acuity Of Amblyopic Eyes Under Monocular And Binocular Condition:	146
Further Observations	
S Awaya, GK Von Noorden	
Central And Peripheral Visual Acuity Of Eyes Suffering From	153
Strabismic Amblyopia	
E Aulhorn, Ch Lichtenberg	
Vectographic Suppression Studies In Strabismus Patients	161
RA Morgan, GE Budd, TAS Boyd	
Differential Diagnosis Of Amblyopia And Lesion Of The Optic Nerve	169
R Esser-Leeman	
Therapeutic Consequences Of The Analysis Of Simple Forms Of Amblyopia	174
J Lang	
Study Of Separation Difficulty In Strabismus Amblyopia	178
(Measurement Of Visual Acuity By Means Of An Optotype Board)	
G Hermans	
A Method Of Visual Acuity Detection	183
GV Catford, A Oliver	
Measurement Of Visual Acuity In The Strabismic Amblyope	188
F Zamfirescu	
Technique And perpectives Of Lens Implants (Pseudophakia) In Children	194
JJM Bierlaagh, A Van Der Wee, A Kats, PAM Leonard, CD Binkhorst	
Unilateral Aphakia And Orthoptics	202
MJ Besnard	
Treatment Of Anisometropia	205
M Ruben, JW Walker	
Treatment Of Amblyopia With Low-Vision Optical Aids	211
JB Smith	
Asymmetrical Correction	214
JB Weiss	
Occlusion In Latent Nystagmus	217
J Walton	
Is Early Surgery Really Necessary	220
EA Dunlap	
Vertical Rectus Muscle Transplantation to Restore Abduction	229
P Fells	
Contralateral Inferior Oblique Overaction Following Unilateral	238
Weakening Surgery	
EL Raab, FD Costenbader	
Dysfunction Of The Extraocular Muscles Following Head Injuries	245
D Sevel, P Steven	
Ocular Symptoms In Facial Injuries	252
J Nolan	
Co-Ordimeter Of Hess-Weiss	256
A Beressi	
Orthoptic Investigation In Posttraumatic Diplopia	262
E Friemel Schmidt-Hofmann	
Diagnostic Observation On Acquired Unilateral And Bilateral Superior Oblique	266
Palsies	
S Moore, L Stockbridge	
Acquired Ocular Palsy	270
EJ Arnott, CL Calcutt, F Clifford Rose,	
Disorders Of Ocular Motility In Craniopharyngiomata	272
K Wybar	_
Vergence Anomalies After Stereotactic Midbrain Lesions In Man	278
JH Seabar, BS Nashold	_
Oculomotor Signs In Multiple Sclerosis	283

M Swallow				
Strabismus In Thyroid Dysfunction				
W Chamberlain				
Ocular Myopathies	296			
A Huber				
The Scope Of Orthoptics In Intrinsic Extraocular Muscle Disease	304			
AM Anderson				
The Assessment Of Cyclotropia In Paralytic Squint	309			
R Watts				
A Method Of Electromyographic Waveform Analysis Applied	317			
To The Extraocular				
Muscles With Particular Reference To The Turk-Stilling-Duane Syndrome				
BH Brown, IM Strachan				
A New Test For Investigation Of Oculomotor Imbalance By Electro-Oculograph	y322			
HEA Bicas				
The Assessment Clinic And Special Problems Of Squint In Mentally Handicappe	ed 333			
Children				
JL Kennerley Bankes, DM Thornhill, EL Rowse, PE Corr				
Is The Functional Treatment Of Strabismus Possible In	338			
Cerebral Palsied Children?				
R Pigassou, AM Le Moigne, M Cahuzac				
Symptomatic Uniocular Concomitant Strabismus In Early Childhood	345			
B Harcourt				
Post Traumatic Diplopia In Cases Of Long Standing Strabismus	350			
H Kilmister, VH Smith				
Contribution To The Knowledge Of The Superior Oblique				
Tendon Sheath Syndrome				
(Browns Syndrome)				
F Feric-Seiwerth, M Celic				
The Superior Oblique 'Click' Syndrome	360			
MJ Roper-Hall, G Roper-Hall				
Some Results Of Occlusion In Cases Of Non-Central Fixation	369			
HM Goodier				
An Examination Of A New Method Of Screening Young Children For Defects	369			
In Visual Acuity				
CT Hart				
Orthoptic Problems In Aphakia Anisometropia	370			
VJ Marmion				
Head Tilt For Better Monocular Vision	370			
J Dublon				

1975 Transactions of Third International Orthoptic Congress, Boston, USA

1 '	1
Robert D, Belnecke MD, Morton G, Simons K	
The Development Of Normal Binocular Single Vision In Childhood	11
Romano PE, Romano JA, Pukin JE	1.7
Anisotropies And Scotomas Of Binocular Disparity Detectors In Humans	17
Julesz B	25
J I	25
Hill M, Perry J, ICJ Wood	21
	31
Neurones In The Lateral Geniculate Nucleus Of Kittens Reared With Convergent	
Squint In One Eye	
I Hisako, Wright MJ Current Concepts In Amblyopia	37
Von Noorden GK	31
	45
Amblyopia And Strabismus	45
J Otto, D Safra	
	59
Visual Function	3)
S Sokol, E T Shaterian	
·	69
Further Investigations Of The Mechanism Of Amblyopia Disturbance	0)
F Trimarchi, G Casali	
Abnormal Pursuit Movements Of The Fellow Eye In Amblyopia And Strabismus	75
S Fakai, J Tsutsi, Y Nakammura	
	93
H Nawratzki	
Penalisation And Prism: New Results Obtained With The Method Of	99
Treating Squint Amblyopia With Eccentric Fixation	
Experiences With Penalisation Therapy	105
W Haase	
Use Of Velocity And Acceleration Measurements In The Evaluation	113
Of Strabismus Patients	
SJ Fricker	
An Apparatus For Measuring Forces In Strabismus	123
I M Strachan, R H Brown	
Classification Of Nystagmus	129
B Todd Troost, RB Daroff	
Prism Exploitation Of Gaze And Fusional Null Angles In Congenital Nystagmus	135
L E Dell'Osso	1.40
Diagnosis Of Convergent Strabismus With Nystagmus And Its Treatment With	143
Cuppers Faden Operation	
H Muhlendyck	155
Fixation Disparity And The Origin Of Microstrabismus	155
W De Becker, T Scheffel Motor Eusian In Small Angle Egatropia	167
Motor Fusion In Small Angle Esotropia A M Noordenbos, R A Crone	107
11 11 11001 de 11005, IV A CIOIR	
Monofixation Exotropia And Asthenopia	173
T A S Boyd, G E Budd	1,3
The Confrontation Of Cases Of Strabismus With Small Angles Of Deviation	179
S Polychroniadis	
Lessons Learned From Microtropia	183

J Lang	
Varieties Of Prism Application In Strabismus Therapy W Rubin	191
Prisms As An Orthoptic Tool In The Management Of Primary Esotropia	195
S Shippman, A C Clahane Permanent Wearing Of Prisms And Early Delayed Treatment Of Esotropia	203
P V Berard, R Ready, J Berthon Vicious Circle "Deviation-Diplopia"	209
J H Weiss, A Beresst	209
Prisms To Determine The Importance Of A Vertical Component Associated	213
With Esotropia	
L Stockbridge, S Moore	
Prisms In Superior Oblique Palsy	217
F Zamfirescu, J B Weiss	
A Long-Term Follow-Up Of Patients Presenting With Dysthyroid Eye Disease B P Greaves, J C Gibb	223
Why The Heterophoria In Some Thyroid Patients Is Not Amenable To Prism	241
Therapy	
F P Catheun, F Stegall	
The Surgical Treatment Of Dysthyroid Eye Disease P Fells, B Dulley	245
Some Problems In The Management Of Dysthyroid Ophthalmopathy	253
T K Lyle A Five Year Study Of Patients With Cerebral Palsy Strabismus	271
J H Seabar, AC Chandler	
Disorders Of Ocular Motility In Children With Hydrocephalus	279
L M Rabinowles, J W Walker	
The Association Of "A" Pattern Strabismus With Hydrocephalus	287
T D France	202
The Management And Binocular Achievement Of Mentally Handicapped Children With Squint	293
J L Kennerley Banks, D M Thornhill, F J Rowes, E Wood	
Ocular Motility Problems In Cranio-Facial Dysostosis J Walker, K Wybar	299
Observations Of Ocular Dominanace In The Binocular Vision Of Children	311
Vraynar Smith	
A New Orthoptic Technique In Learning Disability Due To Visual Dyslexia D B Dunlop, P Dunlop	317
Changes In The Orthoptic Department Of A Provincial National Health Hospital	325
M E S Horton	323
Methods And Results Of Treatment To Re-Establish Fusion In Strabismus	333
F S Avetisov, P P Kaschenko	
Incomitant Deviations In Dissociated Vertical Divergence H J Bately, LS Labowe, D R Smith	345
Retinal Correspondence In Congenital Esotropia	353
N Fischer, J Bruce	
Sixth Nerve Palsies In Children	359
T H Kirkham	
Ocular Motor Detects Associated With Herpes Zoster Ophthalmicus V Kelly, B Dulley	367
Surgical Management Of Superior Oblique Paresis	379
C Souza Dias	
Atypical Partial Oculomotor Nerve Palsies	393
G Roper Hall, R M Burde	
Cyclophoria Or Cyclovergence: Illusion Or Reality R S Jampel, A Stearns	403

Cyclofusion	409
R C Crone, Y Everhard-Halm	
Eye Position Of Strabismus Patients Under General Anesthesia	417
L Apt, S Isenberg	
The Use Of The Operating Microscope In Squint Surgery	423
P Eustace, M Roper-Hall	
Four-Muscle Surgery In "V" Esotropia With Long Term Orthoptic Follow Up	427
M H Gobin, J J M Bierlaagh	4.4.1
The Increased Certainty And The Increased Correction Of The Bare Selera Closure With Bimedial Recession	441
P Knapp	
	112
Esotropia: The Second Operation W E Gillies	443
Extirpation Of The Recurrent Overacting Inferior Oblique Muscle	449
M M Parks	447
Anchoring Sutures In The Management Of Complicated Strabismus	453
J S Hermann	733
The Superior Oblique Tendon Sheath Syndrome: Differential Diagnosis Of	463
Deficient Elevation In Adduction	105
A B Scott	
The Assessment And Treatment Of The Residual Deviation	487
C L Calcutt, E J Arnott	
The Effect Of Prisms In The Treatment Of Squint (Anomalous Movements)	493
B Bagolini, N M Capobianco	
The Sensorial Evolution Or Overcorrected Esotropias	501
A O Ciancia, N Melek	
Preoperative And Postoperative Sensory Findings And	507
Distance/Near Relationship: Their Influence In Corrected Exodeviations	
E L Raab, M M Parks	
An Assessment Of The Role Of Secondary And Consecutive Factors In	515
Overcorrected Esotropia	
R M Brown, B M Cooper	
Fusion And Stereopsis In Aphakia	523
J Nolan, A Hawkswell, S Beckett	
Studies Of Suppression In Alternating Constant Exotropia And	531
Intermittent Exotropia: With References To Effects Of Fusional Background	
S Awaya, H Nozaki, T Hoh, K Harada	5 17
Retinal Correspondence In Intermittent Exotropia	547
H T Forrer Management Of Intermittent Engineering	<i>E E</i> 1
Management Of Intermittent Exotropia	551
J T Flynn, S Mckenney, M Rosenhouse	559
Results In Intermittent exotropia G Velez	227
The Management Of Intermittent Exotropia: A Comparison Of The Results Of	563
Surgical And Non-Surgical Treatment	203
······································	

1979 Transactions of Fourth International Orthoptic Congress, Berne, Switzerland

Opening Addresses	1
R Esser, H Bratschi, AS Van Paasen Burian Memorial Lecture: Points Of View About Sensorial	3
Adaption In Strabismus	
NM Capobinco The Blockage Syndrome: An Electroculographic Study	7
F Moro, S Tomarchio, F Castorina Mangano Torticollis And Congenital Nystagmus: Clinical Classification And Regrouping	9
A Speilamn	
Dissociated Vertical Divergence And Its Association With Nystagmus J Mein, F Johnson	14
Nystagmus And The Strabismus Patient	16
RD Reinecke, N Coleman-Barrows	
The Efficacy Of Inferior Oblique Myectomy Operations	20
B Harcourt, S Almond, H Freedman	
Surgical Management Of Vertical Deviations With Particular Reference To IV	24
Nerve Paresis	
FA Billson , S Brown	
More Or Less Oblique Recession Of Horizontal Muscles	26
M Balon, G Prigent, M Ecoffet, P Lavat	
Study Of The Cyclovertical Results Of The Superior Oblique Scleral Shifting M D'Esposito, A Daniele	29
Surgical Procedures In A And V Pattern Strabismus	34
C Calcutt, B Mathalone, JW Walker, K Wybar	
Mobius Sundrome: Multidisciplinary Diagnosis And Surgical Treatment Of	37
Disturbances	
K Krzystkowa, B Sieradzka, Z Berenda	
An Alternative To Strabismus Surgery	42
AB Scott	
Form Vision Deprivation In Man And How To Prevent It	46
J Sugita, T Itoh	
A New Test For The Diagnosis Of Amblyopia	50
KH Hagemans And A Th M Van Balen	
Hysterical Amblyopia in children	61
E Ohmi, J Kobayashi, T Tsuboi, H Mitsuya, O Mimura, K Kani	
Psychogenic Amblyopia	65
GA Van Veen, A Th M Van Balen	
Functional Amblyopia In Children Of Less Than 1 Year Old:	67
Diagnosis And Treatment	
A Roth, Y Lobstein-Henry, M Tondre, E Gaddelle Barbier	-1
Amblyopia In Congenital Glaucoma	71
CM Clothier, NSC Rice, P Dobinson, E Wakefield	
Medical Therapy For Amblyopia After Failure Of Conventional Therapy	75
H Maclean	70
A Clinical Assessment Of New Alternative Methods Of Treatment Of Amblyopi	a/8
RV Banks, F Barnett	0.1
Changes In The Visually Evoked Response During And After Occlusion Therapy WM Barnard, GB Arden	y81
Continuous Wear Soft Contact Lenses In The Treatment Of Strabismic	84
Amblyopia	
YA Fahmy, M Nyholm, K Norskov	
Modalities Of The Treatment Of Amblyopia According To The Age And Degree	86
Of Amblyopia	
N Jeanrot, F Jeanrot, G Delfour	

Normal And Pathologic Pupillary Reactions	89
H Aichmair	
Diplopia As A Presenting Symptom: A Prospective Study RB Trimble, VD Kelly	91
Ocular Myasthenia: Diagnosis And Treatment	95
A Huber	
Comparitive Ocular Changes After Unilateral Stereotactic Mid-Brain Lesions	98
In Man	
JH Seabar, BS Nashold	
Ophthalmoplegic Migraine Of Childhood And Adolescence:	101
A Disorder Of The 3 rd , 4 th , And 6 th Cranial Nerves	
RC Polomeno, GV Waters, F Andermann, TH Kirkham, S Bekhor, JM Little	
'Spread Of Comitance' After Palsy: A New Explanation Based on Disproportion	ate108
Regeneration Of Motoneuron Types	a.c. 100
B Kommerell, S Mattheus	
Myopia Acquired Progressive Esotropia: A Possible Association: The MAPE	112
Syndrome Syndrome	112
LM Wilcox Jr, PS Greenfield, ES Stephens, G Stephens	
Familial Ophthalmoplegia Plus Syndrome	118
JW Frank, TD France	110
Disorders Of Ocular Motility In Patients With Spina Bifida	122
V Gordon, L Mckenzie	122
Eye Findings In Premature Infants	125
C Braun, A Hoffstetter, Y Lobstein-Henry	123
Evaluation Of Strabismus In Turners Syndrome	127
JT Troupe, CC Troupe	127
The Significance Of Dyssynergy In Strabismus	131
M Ardouin, W Fontenaille, M Urvoy, JB Weiss	131
Electrophysiologic Studies Of Retina And Central Nervous System	135
Of Patients With Amblyopia	133
M De Carvalho Sardinha, LP Neto	
Electro-Oculography In Ocular Palsies And Functional Squints	138
MA Quere	130
Quantitated Forced Duction Testing And Force Generation Test In	142
Duane's Syndrome	172
IM Strachan	
Clinical, Electromyogrphic And Electro-Oculographic Examinations In	145
Stilling-Turk-Duane Retraction Syndrome	173
M Celic, V Dorn	
A New Concept Of Anomalous Correspondence	151
D Friedburg	131
Abnormal Retinal Correspondence : Investigation And Treatment	154
J Laffineur, MF Clenet-Guthier	154
Retinal Correspondence In Exotropias And Esotropias	155
L Cathalifaud De Schneuer	133
Anomalous Binocular Vision Redefined	160
R A Crone	100
Vertical Vergence And Fusional Movements	161
WA Houtman	101
Sensory Fusion	165
ME Wesson	105
Fusion Reflexes: Misconceptions And New Ideas	168
MH Gobin, JM Bierlaagh	100
The Complexities Of Suppression In Intermittent Exotropia	172
JA Pratt-Johnson, A Pop, G Tillson	1/4
Decompensation Symptoms In Exophoria Cases	173
TALADOUR DISTRICT AVERTICAL DE LA CARRELLA VANCA	

H Muhlendyck	
Acute Divergent Comitant Idiopathic Strabismus	178
R Neuschuler, G Cristini	
Surgical Therapy For Convergence Insufficiency	179
JS Hermann	100
Factors Influencing The Surgical Results Of Divergent Strabismus	182
FJ Martin, S Brown, J Pardey, A Stephens, S Tait, F Merrick, A Watts	187
Intermittent Exotropia D Wieser, R Esser	167
The Evaluation Of The Bielschowsky's Head Tilting Test	189
HM Goodier	107
Exploring The Spatial And Temporal Parameters Of Stereopsis	198
DB Dunlop, RA Neill, P Dunlop	1,0
Contrast Thresholds In Anisometropia	207
IC J Wood, MG Stephenson	
Clinical Tests Of Stereoacuity: Do They Measure The Same Thing?	211
JP Frisby, P Neilson, J Porter	
Additional Tests On The Phase Difference Haploscope	215
W De Decker, J Baenge	
Aniseikonia And Binocular Function In Unilateral Aphakes Wearing Contact Lenses	218
M Guillon, PJ Warland	222
Re-Evaluation Of Orthoptic Treatment	222
E Schulz, W Hasse	225
The Critical Age?	225
AV Maclellan, C Wortham, C Jancey Earley Orthoptic Treatment Of Strabismus Between The Age Of	228
4 Months And 4 Years	220
F Pincon, J Badoche	
Normosensorial Late Convergent Squint	230
J Lang	
Management Of Variable Angle Esotropia	233
PV Bernard, N Mouilloc-Gambareli, R Reydy	
Management Of Consecutive Esotropia	236
E Meyer, GK Von Noorden, C Waters Avilla	
Levels Of Stereoacuity Achieved With Binkhorst Lens Implantation For	239
Unilateral Aphakia	
MG Stephenson, AEA Ridgway	
Patterns Of Heterotropia In Aphakia	242
SM Wolf, L Werner, DA Boyce	244
Viewpoint On The Use Of Prisms M. Bourron, T. Clavatta, C. Bongard	244
M Bourron, T Clayette, C Bongard Recent Advances In Thyroid Disease And Management Of Its Ocular Complications	246
AL Crombie	240
Complications In The Surgical Treatments Of Dysthyroid Eye Disease	249
P Fells, NF Lawton, E Waddell	217
Fresnel Prism Therapy In Endocrine Ophthalmopathy	252
E Ross-Dommasch	
Ophthalmoplegia In Thyroid Disease: The Role Of Steroid Therapy	261
PA Mcfaul	
Diagnosis And Follow-Up Study In Ocular Muscle Trauma	263
H Thaller-Antlanger	
Prismatic Therapy In Orbital Fractures	271
M Woillez, M-J Besnard, M Louly	2 - 1
Orbital Connective Tissue: Its Role In Motility Disturbances After Orbital Fracture	276
YS Everhard-Halm, L Koorneef, TH Oei	

1983 Transactions of Fifth International Orthoptic Congress, Cannes, France

Theory Of Vision Screening	19
JB Sprague	
Visual Behaviour In Neonates	23
GR Laroche, DP Anderson, AC Allen	
The Objective Assessment Of Vision In Infancy	33
DJ Stark	
The Use Of The Preferential Looking Technique In The Assessment Of Infant	39
Visual Acuity	
M Bongrand, C Gay-Meret, M Grochwicki, F Vital- Durand	
Preferential Looking In Normal Squinting Infants	47
KP Boergen, G Kellere, G Bauernfeind-Kaliwas, R Sireteanu	
Photrefractive Vision Screening of Infants	53
J Atkinson, O Braddick	
Difficulties In Evaluating Vision In The Young Child	61
N Jeanrot	
The Assessment Of Foveolar Visual Function	69
GP Paliaga	
Contrast Sensitivity In Amblyopia	77
G Lennerstrand, BL Lundh	
Dynamic Topography Of Visual Evoked Potentials In Normal And Amblyopic	85
Infants	
H Kimaru, J Tsutsui, T Karino	
The Measurement Of Visual Acuity In Visually Impaired Children	91
L Hyvarinen	
The Assessment Of Visual Acuity In Infants With Congenital Cataract	97
I Morita, Y Uemura	
The Burian Lecture: The Effect Of Supranuclear Lesions On Ocular Motility	103
JH Seabar	
Duane's Retraction Syndrome:	119
Considerations On Pathophysiology And Aetiology	
A Huber	
Neuro-Opthalmic Complications Of Pregnancy	127
G Roper-Hall, RM Burder	
Bilateral Fourth Nerve Palsy. Ex-Cyclovergenc, A Warming Symptom Of A	135
Periaqueduct Lesion	
G Bechac, P Bec, G Delfour, N Jeanrot, B Marion	
Post Traumatic Fusion Deficiency	143
CW Avilla, GK Von Noorden	
The Congenital Squint Syndrome	151
J Lang	
Evidence Of Abnormal Optic Nerve Fibre Projection In Patients With Dissociated	161
Vertical Deviations	
A Fitzgerald, F Billson	
The Relevance Of Testing Optokinetic Nystagmus In Patients With Strabismus	167
S Tait, I Atkins, S Brown, M Doyle, J Kelly, F Merrick, A Stephens	
Dissociated Vertical Divergence And Exotropia	175
J Green	400
Post Operative Early Onset Esotropia: What Keeps Them Straight?	183
(The Margaret H Fitton Memorial Lecture)	
JW Walker, D Taylor	,
Oculo-Motor And Sensorial Anomalies In Esotropia Mono And Dizygote	195
Twins	
A Magli, S Calbro, G Tonna	
Nosological Aspects Of Congenital And Progressive External Ophthalmoplegia	203

P Turut, B Regnault, M Woillez, M Louly	
A New View-Point On The Heredity Of Congenital Strabismus	209
WL Tydeman, J Spaan, L Polmon, A Th M Van Balen, A Abbink	
Ocular Motility In High Myopia	217
E Leonardi	217
A Comparison Of Single Letter And Snellen Optotype Results	225
M Carter, H Maclean	223
Motonueron Activity Around The Primary Position And In Extreme Position Of Gaze	233
V Henn, K Hepp	233
Vergence Eye Movements And Herings Law Or Equal Distribution	239
WA Houtman	23)
Unusual Eye Movements In Humans With Attached And Detached Eye Muscles 245	
A Jampolsky Dynamic Counter Belling And Ita Bolo For Strobiomology	251
Dynamic Counter-Rolling And Its Role For Strabismology	231
Y Watanabe, R Mori, H Ohtsuki, R Ichikawa, M Nakayama, H Takasaki,	
Y Seguchi	261
A Paradoxical Pattern Of Ocular Movement Associated With Acquired Superior	261
Oblique Dysfunction	
F Spencer, RB Harcourt	2
Acquired Brown's Syndrome	267
RM Trimbe, V Kelly, M Mithcell	
Saccadic Velocities On Orbital Fractures	275
V Webster	
Difficulties In The Management Of Orbital Blow-Out Fractures In Patients	283
Under 20 Years Old	
B Mccarry, P Fells, L Waddell	
Drug Injection In Strabismus	291
A Scott	
Acupuncture In The Orthoptic Field	295
EG Poli, GE Zucchini	
Hypermetropia In Accommodative Esodeviation	301
EL Raab	
The Use Of Contact Lenses In The Treatment Of Esotropia With Convergence Excess	317
(High AC/A Ratio)	
G Tillson, JA Pratt-Johnson	
Functional And Organic Amblyopia In Children	323
F Lods, C Braun, F Lalvee, G Lebert	
A Comparison Of Distance And Near Vision In Amblyopia	329
L Weingeist Lennarson, JZ Portnoy, WE Scott, TD France	
Accommodative Response In Anisometropic Amblyopia With Successfully	337
Recovered Visual Acuity	
J Sugasawa, Y Ishida, Y Nobe, T Utsumi	
Congenital Nystagmus, Characteristics And Pathophysiology	345
G Kommerell	
Idiopathic Congenital Nystagmus: A Diagnosis Of Exclusion	353
IM Strachan, AK Thiagorajah	
The Various Elements Of Torticollis In Nystagmus	359
A Spienmann, N Fontenaille	
Operative Treatment Of Nystagmus In Patients With And Without Abnormal	365
Head Position	
H Kaufmann, E Dannheim	
Orthoptists And Electro-Oculography	373
JB Weiss, M Munck, E Muller-Feuga	
Research By Means Of Computerised Tomography Into Correlation Between	381
Orbital Structure And The Position Of The Globe; Its Application To Strabismology	
D Godde-Jolly, H Pineau, M Th Iba-Zizen, MS Muzac	

Computerised Axial Tomography In Strabismus Patients JE Miller	393
Ultrasonography In Unilateral High Myopia With Amblyopia	401
RG Beneish, FR Williams, RC Polomeno, JM Little, WES Connolly	
Binocularity Assessed With Visual Evoked Responses	415
EC Campos, C Chiesi	
The Elector-Optokinetic Nystagmographic Diagnosis Of Amblyopia	423
ES Stephens, A Cinotti, GS Stephens, P Chavis, A Vigorito	400
Electo-Diagnosis- Its Value In Paediatric Ophthalmology JJ Clarke, LA Parker	433
The Utilisation Of The Computer In Clinical Investigations	443
TD France	773
Data Processing For A Mathematical Analysisis Of Strabismus	449
JF Le Gargasson, Y Grall, JL Bensimon	
Comuper-Assisted Decision Making In Strabismus Surgery	455
W Russman	
The Use Of Micro-Computer In Evaluating Strabismus Surgery	467
B Haskins, PL Condon Computer Teaching Of Strahigmus	475
Computer Teaching Of Strabismus DK Hartman, HS Hertz	4/3
The Effects Of And Indications For The Faden Operation On Patients With	485
Paretic Squint	.00
H Muhlendyck	
The Faden Operation Its Influence On Refraction	495
C Fava, M Fioretto, ML Costa	
Strabismus Surgery Under Local Anaesthesia: One-Stage Technique	501
Using Adjustable Sutures P Fells	
Single Horizontal Muscle Surgery	507
GW Cibis, V Crandall-Moore	307
Therapuetic Management Of Exotropia	515
A Roth, F Huguenin, L Bianchi	
Ocular Alignment Variations After Strabismus Surgery	523
P Olivier, D N'Guyen	
The Surgical Treatment Of A And V Syndromes	533
P Magnard, R Hugonnier, C Bongard, M Bourron-Madignier, J Caprili, A Hullo	541
Surgical Treatment Of Torticollis W De Decker	341
Surgical Treatment Of Ex-Cyclotorsion	549
H Iwashige, N Kubuto, T Maruo	
Desagittalisation Of The Superior Oblique Muscles	553
MH Gobin	
Intrasheath Myotomy Of The Inferior Obliwque Muscle	559
P Eustace, M Bourke	565
Studies Of Stereoacuity Thresholds In Crossed and Crossed Disparity Measured With The New Stereo Tests (Awaya)	565
S Awaya, M Sugawara, T Yagasaki, T Itoh	
Small Vergence Eye Movements In Stereopsis With Random Dot Stereograms	575
T Inui, E Ohmi, K Kani	
Resulsts Of Orthoptic Tests In Low Luminosity	581
R Roggenkaemper	
Consecutive Divergence	587
A Arruga A Study Of The Visual And Orthoptic Problems In Geriatric In-Patients	593
J Clayton, JS Clayton	593
,,,	

1987 Transactions of Sixth International Orthoptic Congress, Harrogate, Great Britain Orthoptic Horizons

Genetic Aspects Of Strabismus	11
B Jay, J Elston	
Development Of The Mammalian And Primary Visual System	15
LD Beazly, SA Dunlop, CR Braekelvelt, A M Harman, LA Coleman, JE Darby	
The Development Of Eye Movements Their Relationship With Spinning Test	16
C Tims, P Novakovic, M Gonclaves, M Gresty, D Taylor	
Prospective Study Of The Development Of Strabismus During The First	21
6 Months Of Life	
D Friedrich, W De Decker	
Binocular Competition In Strabismus	29
JH Seabar	
A Long Term Sudy Of Fixation Disparity	35
AM Van Mourik-Noordenbos	
The Sensitive Period Of Visual System In Humans	44
S Awaya, S Miyake, E Koizumi, T Hirai	
Pupil Cycle Time As A Measure Of Autonomic Nervous System Function	49
A Pitt, M Lewis	
Correlation Between Human And Animal Research In Amblyopia	56
GK Von Noorden	
The Neural Basis Of Deprivation Amblyopia In The Monkey Visual Cortex	63
F Vital-Durand	
The Electroretinogram By Pattern Reversal (PREG) In Functional Amblyopia	67
M Fioretto, GP Fava	
Comparison Of Optotype And Grating Acuity Values At Different Ages	78
L Hyvarinen	
Visual Acuity In Amblyopia: A Comparison Between "Preferential Looking"	81
And Conventional Tests	
A Rydberg, ML Kirchhofer	
Development Of Grating And Vernier Acuity And The Detection Of Amblyopia	89
In Human Infants	
J Gwiazda	
Visual Sensitivity Degradation For Non-Fixating Eye In Alternating Fixation	96
T Inui, E Ohmi	
What We Are Doing When We Occlude Infantile Esotropes	101
E Ross-Dommasch, E Morris	
Amblyopia: The Prevalence In Congenital Esotropia Vs Partially Accommodative	106
Esotropia: Diagnosis And Treatment Results	
Clinical Observations In Anisometropic Amblyopia	113
CW Avilla, GK Von Noorden	
An Objective Evaluation of The Sensorial Status In Esotropia And Of	116
Possible Obstacles To Surgical Correction	
B Baaglolini, NM Capobianco	
Anomalous Retinal Correspondence Update	124
J Lang	
Do Patients With Congenital Nystagmus Really Show OKN Reversal	128
SFJ Pilley	120
Study Of Opto-Kinetic Nystagmus In Children	134
M Bourron-Madignier, S Vettard, ML Ardoi, C Cypres	131
Congenital Paralysis Of Vertical Gaze	140
IM Strachan, JR Innes	170
Ocular Motor Apraxia	145
B Mccarry, P Fells	173
Myasthenia Gravis	150
111 Juditional Olavid	150

H Orton	
Evaluation Of Spatial Frequency Discrimination Test For Multiple Sclerosis E Cornell, L Wilcox	156
Systemic Steroid Therapy In Infantile Haemangiomas Of The Lids And Orbit P Enoksson, P Naeser	160
Relationship Between The Anatomical And Clinical Situation In Patients	166
With Different Disturbances Of Cyclodeviation. Diagnosis And Therapy	
H Mulendyck	
Binocular Visual Fields In Cyclodeviation	174
E Campos, C Cheisi, S Schiavi	
The Clinical Assessment Of Cyclodeviation	179
F Johnson, B Harcourt, A Fox	404
Ocular Torticollis Without Normal Binocular Vision Head Tilt	184
L Baekeland, A Boschi, D Hoffman, M Spiritus	100
Orthoptic Treatment Of Acquired Superior Oblique Palsy S Fukai, J Tsutsui	190
Surgical Treatment Of Trochlear Palsy	198
KP Boergen, A Brenner	170
Computers And Electro-Diagnosis In Strabismus	204
JC Hache	20.
Saccadic Movements Of Strabismus Patients Before And After Surgical Intervention	205
P Nemet, S Ron	
Analysis Of Ocular Movement Through Digital Processing To Television Recording	210
R Frosini, L Campa, A Pasquinelli, M Papin, N Landi	
The Contribution Of The Intraoperative Length/Tension Curve And The Computer	217
Modelling To Diagnosis And Treatment In Strabismus	
HJ Siemonsz, B Van Dijk, GH Kolling, H Kaufmann	
Establising A Place For Eye Movement Saccades In Disorders Of Ocular Motility	222
A Ansons , J Wylie, RB Trimble	
Electophysiological Responses To Crossed And Uncrossed Disparity Under	227
Conditions Of Refractive Overcorrection	
R Neill, MB Fenlon, P Dunlop, DB Dunlop, C Dunlop Development Of A Maying Tanagarahy System For The Study Of Visual	224
Development Of A Moving Topography System For The Study Of Visual Function In The Brain	234
J Tsutsui	
Visual Acuity Testing By Use Of Computer Technology	242
S Johnson, J Allan, I Stewart	272
Optical quality Of Fresnal Prism – Analogous Measurements In Situ	250
W Kulnig	
Temporary Exotropia Following Surgery for Infantile Esotropia	255
WE Scott, SH Pressman	
Recession Of The Conjuctiva In Squint Surgery	263
P Roggenkamper	
Pastpointing After Strabismus Surgery: Lack Of Propioceptive Information About	266
Postoperative Eye Position	
G Kommerell, O Bock	
Extraocular Muscle Morphology And Botulinum Toxin	271
K Mcneer, FR Spencer	202
Saccadic Velocities Following Botulinum Toxin Injection	282
C Pritchard, J Flynn Patrilinum Tayin Adaption Tasti Has Of Batrilinum In The Investigation Of The	200
Botulinum Toxin Adaption Test: Use Of Botulinum In The Investigation Of The Sensory State In Strabismus	289
MJ Ketley, CM Powell, J Lee, J Elston	
Botulinum Injection Treatment Of Congenital Esotropia	294
AB Scott	<i>⊒</i> ⊅₹
Possible Interactions Between Orthoptic Treatment And Accommodation Pathology	301

R Navarra, G Gaiba, N Zveehi, C Martoni, A Massari, MT Temussi, R Zucchini Accommodative Myopia, A Decompensation Sign Of Exophoria H Thaller-Antlanger	307
The Association Of Accommodative Esotropia And Bilateral Superior Oblique Palsy TD France, L France	317
A Study Of Accommodative Anomalies In Pre-Presbyopic Age Group P Vijayalaskshmi	322
Fusion Loss From Longstanding Unilateral Cataract G Tillson, JA Pratt-Johnson	327
The Orthoptists Role In the Management Of Stroke Patients CF Freeman, N Rudge	333
Panel Discussion Of Accommodative Esotropia: S Moore	339
C Calcutt	341
S Fukai	345
G Martinez	350
D Verlohr	354
F Williams	357
B Zurcher	359
Managememnt Of A Pattern Exotropia As A Complication Of Thyroid Ophthalmopthy G Roper-Hall, RM Burde	361
An Orthoptic Case Study Of A Patient Undergoing Medial Orbital Decompression For Dysthyroid Eye Disease M Payne, P Craven	365
Studies On The Causative Factors Of Proprioceptive Abnormalities In Paralytic Strabismus	371
H Kimura, J Tsutsui, S Fukai	276
Atypical Types Of Duane's Retraction Syndrome G Macdonald	376
Bilateral Superior Oblique Tendon Sheath Syndrome – Clinical Features And Management	382
J Wlaker, P Rells, B Mccarry, A Moore	
Clinical Presentation Of Acquired Bilateral IV Nerve Palsy A Pitt, R Wilkinson	383
Asymmetrical Superior Oblique Dysfunction J Greene	388
Surgery Of Accommodative Esotropia	396
PV Berard, R Reydey, P Viral-Berard	
Long Term Results Of The Surgical Correction Of Accommodative Esotropia MH Gobin	403
Some Uses Of Inferior Oblique Anteroposition W Rubmann	407
Role Of The Oblique Muscles In Convergence Insufficieny BP Buller Greaves Silver of Leftering Program Adjustable Sections	412
Slipped Inferior Rectus After Adjustable Suture EM Helveston Fadenoperation : A Simple Approach To Incomitant Vertical Strabismus	421 427
EG Buckley, BM Meekins The "Oblique Kestenbaum" Procedure Revisited	433
A Spielmann Surgical Options In Duane's Retraction Syndrome	438
P Fells, B Macarry Long Term Results Of Treatment Of Brown's Syndrome By Means Of Partial	442
Trocleotomy M D'Esposito, E Chiosi, A Daniele	

Strabismic Complications Following Retinal Detachment Surgery	447
AL Rosenbaum, M Munoz	
The Management Of Surgically Induced Strabismus – Case Studies	448
GV Catford, LA Watts	
Motor Alignment Following Traditional Vs Adjustable Suture Strabismus Surgery	454
D Hartmann, HS Metz	
Factors Producting Underaction Of The Horizontal Recti Muscle Following	460
Squint Surgery. Prediction In Patients At Risk.	
WE Gillies, N Strang, AM V Brooks	
Is The 3 Step Test Invalid?	472
IM Rabinowicz, AE Stearns, J Petrunak	
The Cambridge Crowding Cards For Pre-School Visual Acuity Testing	482
S Anker, J Atkinson, C Evans, A Mcintyre	
Visual Acuity Assessment In Latent Nystagmus	487
D Moore	
Marlow Occlusion, Is It An Important Pre-Operative Investigation Of Intermittent	492
Exotropia	
B Neikter	
The Importance Of The Synoptometer In The Diagnosis Of Vertical Muscle	499
Disturbances	
K Kryzystkowa, A Kubatko-Ziellinska	
Are The Subjective Tests Still Useful?	505
R Pigassou, A Borja	
Esotropia And Variable Angle: A Study Of The Dazzling Test And The Different	509
Testing Methods	
N Jeanrot, L Beziat	
Re-Evaluation Of The Depth Of Anomaly Concept With Special Reference	514
To After-Image Tests	
T Hirai, E Koizumi, S Miyake, S Awaya	
The Project-O-Chart In The Evaluation Of Stereopsis At Distance	519
C Giles, C Lewis, K Pascall	

1991 Transactions of Seventh International Orthoptic Congress, Nurnberg, Germany

The Natural History Of Infantile Esotropia. A Study Of The Untreated	3
Condition In The Visual Adult	
C Calcutt	
Prelimenary Results Of Observation Of The Development Of Eye Movement	11
Control In Babies	
Am Harwood	
Visual Outcome After Seven Years In Infants Of Very Low Birth Weight	16
J Luck, J Voller	
Visual Improvemen In The Multi-Handicapped Child With Cortical	21
Visual Impairment	
HL Crossman	
Objective Visual Acuity Testing By Means Of Optokinetic Nystagmus Inhibition	26
S Fukai, T Hayakawa, J Tsutsui	
Assessment Of Vision In Children 0-6 Years Of Age	30
A Rydberg, B Ericson, G Lennerstrand, E Lindstedt	
The Effect Of Tinted Lenses On Contrast Sensitivity In Normal And Reading	35
Disabled Children	
A Fitzgerald	
Response To Induced Aniseikonia With Size-Lenses In Anisometropic Patients	41
E Schulz, R Heins, T Heins	
The Ultrastructure Of Collagen Filbrils Of Tenons Capsule In Normal Eyes	48
And In Eyes With Infantile Esotropia	
The Dissociated Vertical And Torsional Deviations In Infantile Strabismus	53
A Spielmann, A Spielmann	
Pattern Visual Evoked Potentials In Dissociated Vertical Deviation	58
K Furuya, S Kawno, S Shoda, T Sukaue, N Kubota	
Factors influencing The Sensory Outcome In Congenital Esotropia	63
JA Pratt-Johnson, G Tillson	
Nystagmus Intensity Variations In Early Onset Strabismus In Children	68
M Bourron-Madignier, S Vettard	7.0
Asymmetries Of Nystagmus	72
RD Reinecke, HP Goldtein, LC Blumenfeld	70
A Prospective Multicentre Analysis Of Strabismus Surgery	79
JR Lipton,HE Willshaw	0.4
Simultaneous Horizontal And Vertical Surgery In V-Esotropia	84
J Van Nouuys-Leenders, I Vleeeming-De Jong, H Knijrenburg-Gaillard,	
F Bijker, M Van Es-Gutter, L Barenbrug, O Vermeulen-Van Rijt, K Damnes,	
W Dell, C Durian, K Mortier	90
Variability Following Adjustable Suture Strabismus Surgery	89
R Rosen, R Morris, B Mccarry, P Fells, J Lee	0.4
A Simple Transposition Procedure For Complicated Strabismus	94
EG Buckley An Anti Contracture, Self Adjusting Strahismus Operation:	99
An Anti-Contracture, Self-Adjusting Strabismus Operation: Myotomia Laminae Globalis	99
K Molnar	
Dissociated Vertical Deviation And Oblique Muscle Dysfunction	104
L Mccall, AL Rosenbaum	104
The Surgical Correction Of Accommodative Esotropia	105
MH Gobin	103
Delayed Visual Acuity Development In Alternating Strabismus	112
EC Campos, C Schiavi, R Bolzani	112
Notion Of Critical Period In Amblyopia According To Physiological	116
And Clinical Data	110
N Jeanrot	
1 · · · · · · · · · · · · · · · · · · ·	

The Significance Of Crowding	121
S Johnson, JA Sparks	
A New Technique For Early Detection Of Functional Amblyopia	126
V Paris	
Haemangiomas Of The Eyelid And Amblyopia	130
JW Walker, R Collin	
Nystagmic Tropias And Optical Penalisation	141
MA Quere, O Malauzat	
Changes In Ocular Alignment After Occlusion Therapy In Patients With	145
Strabismic Amblyopia	
A Parrozzani, S Pullini, P Gerhardinger, T Sibilla, E Farrari, L De Vicentiis,	
F Fratolin, G Stocco	
Treatment Of Amblyopia With The Pattern Flicker MF 17 Stimulator:	150
A Critical Analysis	
R Frosini, EG Poli, L Campa, M Mottes	
Stereoscopic Co-Operation Between The Fovea Of One Eye And The Periphery	157
Of The Outer Eye At Large	
G Kommerell, B Dengler	1.50
Nine Years Experience With The Lang Stereotest	163
J Lang	1.50
The Quantitive Measurement Of Interocular Suppression	168
N Jolly, A Freeman	170
Subnormal Binocular Vision	172
E Dannheim-De Decker, W Hasse, W De Decker	177
Asthenopic Troubles And Fusion Training	177
HH Keller	170
Covering One Eye In Fixation-Disparity Measurement Causes Slight Movement	179
Of Fellow Eye HJ Simonsz LJ Bour	
	184
A Hilasov C Woodgruff L Thompson	164
A Hilscox, G Woodgruff, J Thompson The Pre-Operative Diagnostic Value Of Botulinum Toxin A	189
S Watkins, JP Lee	109
Orthoptic Workup Of Patients Being Considered For Refractive Surgery	194
B Bagolino, A Dickmann, G Savino, A Muci	174
Clinical Observations In Refractive Accommodative Esotropia	197
GK Von Noorden, CW Avilla	177
How Long Should We Follow Up Strabismus	202
Y Watanabe, H Ohtsuki, H Konishi, S Hasebe, Y Tadokoro, K Hasebe, M Ohtani	202
Proprioceptive Effects On Eye Position In Exotropia	209
G Lennerstrand, J Roll, S Tian, R Roll, JL Velay, Y Han, PV Bernard	20)
Horizontal Fusional Movements In Intermittent Exotropia	214
WA Houtman, JA Spreen, B De Vries	
The Role Of Orthoptic Therapy In The Treatment Of Exodeviations	218
JH Seabar	210
Long Term Results After Surgery In Intermittent Exotropia	222
E Vereecken, C Vereecken, P Brabant	
Intermittent Exotropia: A Survey Of Current Management	227
PRE Romano, JA Robinson	
Photorefraction – A Comparative Study	232
TJ Smellie, J Tovey, J Deutsch	
The Optical Principles And Some Clinical Applications Of The Otago Photoscreener	237
A Molteno, IJ Hodgkinson	
Photorefractive Screening For Amblyogenic Factors	243
CEA Morrris, WE Scott, J Simon, K Preston, H Freedman	
The Clinical Evaluation Of A Computerized Mathematical Model Of Strabismus	250
•	

B Horsburgh, D Stark, D Kault	
Functional Exploration In Orthoptic Department	255
D Schmitt, L Laurent, P Le Neindre, F Zamfirescu, JL Duthie	
Data Processing Of The Orthoptic Chart: Accuracy And Logic	261
F Lods, G Lebert	
Visual Disturbances Associated With Whiplash Injury	269
S Brown	
Cavernous Sinus Sundrome: Acute And Chronic	274
J Tullos	
The Pattern And Management Of Strabismus In Dysthyroid Eye Disease	281
Rj Morris, PH Rosen, JP Lee, P Fells, B Mccarry	• • •
The Incidence Of Orthoptic Disorders In A Series Of Children With	286
Noonan Syndrome	
LA Kelly, NB Lee, M Sharland	201
Ocular Features Of The Turner Syndrome And The Effect Of Hormone Therapy	291
On The Accommodation	
MC Masters	20.6
Atypical Adaption Of Muscle Sequelae Following Superior Oblique Palsies	296
A Hornbrook, J Kelly, F Erick, M Doyle, G Stead	201
Ophthalmic Manifestations Of Head Injury	301
L Kowal, S Debono Secondia Eva Movement Recording Using An Intelligent Video Eva Monitor	309
Saccadic Eye-Movement Recording Using An Intelligent Video Eye Monitor A Pitt	309
Evaluation Of Saccadic Velocity Testing As A Diagnostic Tool In Orbital	313
Trauma Patients	313
C Pritchard, D Tse, JW Kronish, LA Abel, J Vahey, JT Flynn	
The Observation Of Eye Movement Within The Orbit Using Cine Mode MRI	318
K Nukina, Y Nishida, E Nishida, O Hayashi, A Mekada, A Inatomi, K Kani	310
Investigation Of Oculomotor Palsies By A computerized Lancaster Screen Test	322
JY Guessant, JF Rouland, C Joly, P Debruyne	322
Ultrasound Of The Horizontal Muscles In Duane's Syndrome	327
L Malan, NH Welsh	321
Botulinum Toxin A Injections Into Extraocular Muscles In Paralytic Strabismus	332
(VI And IV Nerve Palsy)	
KN Kryzstkowa, A Madroszkiewicz, R Szpytma	
Botulinum Toxin A Injection For Acute Sixth Nerve Palsy	336
K Cooper, JP Lee, C Macewan, S Jones	
The Role Of Botulinum Toxin A Injections In The Management Of Patients	341
With Duane's Retraction Syndrome	
JES White, JP Lee	
The Evaluation Of Superior Rectus Recession For The Treatment Of Congenital	346
Superior Oblique Muscle Palsy	
S Akatsu, M Tokutomi, H Iwashige, T Mauro	
O.C.E Orthoptists De La Communaute Europeene	353
M Louly, C Wortham, J Clayton, A Van Mourik-Noordenbos	
AACO 50 th Anniversary Poster	354
American Association Of Certified Orthptists	
Eye Care In Northern Saskatchewan – Canada	355
E Ross-Dommasch, CC Ewing, E Morris	
The Orthoptists Role In An Eye Screening Program	356
(Louisianna Eye Health Program)	
FL Franks, B Rockett	
Early Detection Of Visual Disorders In Young Children In Health Care Centres	357
K Lantau, DH Loewer-Sieger	250
Contrast Sensitivity Normals For 525 Australian Children Aged 6 – 12 Years	358
Using The Vistech System	

A Fitzgerald	
Does Forced Choice Preferential Looking Fail To Recognise The Crowding	359
Phenomenon In Amblyopes	
A Mcintyre, C Hogg	
Preferential Looking: - The Sydney Experience	360
C Searle, K Bourne	
Using IBM PC Microcomputer To Measure Visual Acuity In Children	361
R Mcnamara, CN French, ICJ Wood	
Vision Assessment Of Pre-School Children With Multiple Disabilities	362
DW Harrison	
Amultidisciplinary Approach To Working With Multi-Handicapped	363
Visually Impaired Children	
HL Crossman	
Communication Board Design For Non-Verbal Communicators	364
S Collett, A Pitt	
The Orthoptist – Visual – Therapist	365
E Colombo	
A New Field For Orthoptists	366
G Scwerdtfeger	
Treatment Of Children With Contact Lenses	367
U Ergstrom, G Simonsson	
Contact Lenses And Congenital Nystagmus	368
DJM Godts, AMJ Adank, HGN Veraart, O Lopez Cardozo	200
Visual Rehabilitation: An Orthoptic Perspective	369
KC Fitzmaurice	
A Trend For A Blind And Hyposeeing Subjects Rehabilitation	370
U Monti, F Mignacco, G Sacco, E Cremonesi	0,0
Eye Movement Recordings By Electro-Oculographic Methods In The	371
Orthoptic Daily Uses	0,1
L Thiriez, L Bughin, MP Leroy, P Vermersch	
A Long-Term Follow-Up Study Of The Visual Functions In Retinopathy	374
Of Prematurity	37.
T Iwasaki, N Akaike, H Suzuki, K Harasawa, H Matsuo	
Evaluation Of Reliability Of Preferential Looking Test After Follow Up	375
Of 5 Years As "Signaller" Of Sensorial And Refractive Alterations In Child.	375
L Fusi, F Fusi Czimeg	
Observation Of Fixation And Correspondence In Amblyopia With	376
The Fundus Halposcope	370
T Kojima, K Nukina, M Funabili, K Kazutaka, A Inatomi	
Cerebral Mapping: A New Method For Assessment Of Visual Maturation And	377
Amblyopia In Infants	311
D Thouvenin, M Tiberge, B Gajan, M Nardin, JL Arne	
Fixation Switch Diplopia	378
W Cadera, K Galloway, T Kaban, RB Orton	370
Vertical Accommodative Vergence	379
U Klein-Scharff, G Kommerell	319
Delineation Of Stereofields And Stereoscotoma To Crossed And	380
	360
Un-Cross Disparity Using Temporal Detection Thresholds D. Dunlon, M. Monning, D.C. Finley, SAM Devis, P. Dunlon	
D Dunlop, ML Manning, DC Finlay, SAM Dewis, P Dunlop	201
Is BVS Really Necessary For Good Hand-Eye Co-Ordination?	381
L Kousoulides Pincoular Equation In Catagort Operated Parsons	292
Binocular Function In Cataract Operated Persons	382
H Dahl, A Schou, PH Madsen	202
An Alternate-Day Vertical Strabismus After Retinal Detachment Surgery	383
H Yamamoto, K Tsuihiji, S Inoda, H Shimizu Strabismusafter Cataract And Retinal Detachement Surgery – A Retrospective Study	384
NITADISTRUISALIER UNITARIA AND KEITHAL DETACHEMENT NITAERV — A RETROCHECTIVE NITAV	184

M Faxander, G Lennerstrand	
A Retrospective Evaluation Of Bimedial Recession And Recession-Resection	385
Operations In Early-Onset Esotropia	
HM VD Meulen-Schot, LJJM Maillette De Buy Wenninger-Prick	
Results Of Strabismus Surgery At The Rotterdam Eye Hospital In Patients With 386	
Graves Disease	
IJ Van Wijnen-Segeren, R Wijngaarde, M Wildervanck De Blecourt-Deville	
The Effect Of Botulinum Toxin Esotropia Vs Exotropia	387
H Kimura, J Tsutsui, S Fukai	
Boutulinum Toxin In The Treatment Of Acute Surgical Overcorrection	388
S Ahgue, J Lee, K Cooper	
Surgical Reversal Of A And V Patterns	389
R Jenkins, GK Von Noorden	
Strabismus Correction By Adjustable Globe Surgery – A New Technique	390
BP Greaves	
A Case Of Vertical Strabismus Fixus Due To Chronic Maxillary Sinusitis	391
N Kubota, C Usui, F Mita, T Hayashi, H Iwashige	
Duane's Syndrome Associated With Congenital Third Nerve Palsy – A Case Report	392
V Subrayan	
Clinical And Electro-Oculographic Findings For The Key To	393
Duane's Retraction Syndrome	
P Vermersch, MP Leroy, M Bughin, L Thiriez	
Recording Of Voluntary Saccades – Dynamic Study	394
MP Leroy, M Buguin, L Thiriez, JC Hache	
Eye Movement Recordings Using The Ober-2 Registration System	395
J Ygge, A Rydberg, B Neikter, A Seidman, S Wijecoon, G Lennerstrand	
The Importance Of The Gestational Period In Infantile Esotropia	396
M Strathdee, A Stuart, V Tosswill	
Efficacy Of Photorefractive Screening On 20 Month Old Children	397
M Angi, R Rizzo, F Rodeghiero, V Pucci, B Piccinelli	
Congenital Nystagmus – The Role Of The Neurologist In Its Investigation	398
JDA Carruthers, JE Jan	
A Study Of Critical Period Of Abnormal Retinal Correspondence In Cases	399
Of Consecutive Exotropia	
T Hirai, K Tsuzuki, S Awaya	
The Polarized Four Dot Test	400
BW Arthur, A Marshall	
Marlow Occlusion Of The Dominanat Eye In Intermittent Exotropia	401
B Neikter	
The Heavy Eye Phenomenon: Orthoptic And Ophthalmological Characteristics	402
KR Whales, MF Raines	
Computerization Of Hess And Less Screen Testing	403
A Assaf	
Instantaneous Capture Method Of The Nine Cardinal Positions Of Gaze	404
C Joly, J Y Guessant, P Debruyne, G Constantinides, JC Hache	

1995 Transactions of Eight International Orthoptic Congress, Kyoto Japan East meets West

Can We Eliminate Amblyopia In The 21 st Century? T Hirai, M Arai, T Kora, S Awaya	17
Association Of Colour Vision Defects In Amblyopia With And Without	22
Eccentric Fixation	
MA Deacon, C Leach, H Davis	
The Congenital Functional Monophtalme Syndrome Revisited	27
A Speilmann, AC Spielmann	21
Visual Screening In School And At Children Health Care Centres In Sweden	32
G Kvarnstrom, P Jakobsson, G Lennerstrand	32
Is Visual Screening At Age 3 Effective, Desirable And Reproducible?	37
A Franceshetti	31
Static Threshold Across The Visual Field In Amblyopes	42
N Nagae, T Niida, M Wakakura, K Mukuno, S Ishikawa	72
Amblyopia In Pakistani Children: Causes And Management	45
• •	43
H Awan, M Jalis, H Minto	50
Anisometropic Amblyopia And Microtropia	50
K Yazawa, K Ikebe	~ ~
Teller Acuity Cards In The Diagnosis Of Functional (Hysterical) Visual Loss	56
SE Staffieri, J Elder	
A 10 Year Study On The Ocular Manifestations Of Head Injury	63
Z Georgievski, L Kowal, E Hollenbach	
Developmental Delay In Congenital Ocular Motor Apraxia	68
FJ Rowe	
Ocular Morbidity Following Acoustic Neuroma Sugery	74
KL Smyth, IB Marsh	
Ocular Neuromyotonia: A Report Of 2 Clinical Cases	77
M Spiritus, A Boschi, J Bergmans	
A Population Based Prospective Study Of 22 Neonates With Spina Bifida Cystica	82
E Caines, M Dahl	
Essential Anisocorica – Is It Really Benign	85
GT Denslow, A Mccarthy	
The Effects Of The Prism Adaption Test (PAT) On The Surgical Plan For	105
Deviations With A And V Patterns	
S Veronneau-Troutman, E Traykovski, S Shipman	
What Have We Learned From Pre-Operative Prism Treatment?	109
D Weiser	
Treament Of Symptomatic Heterophoria By Small Prisms	113
V Paris, JB Weiss	110
Orbital Tissue Volume In Dysthyroid Ophthalmopathy Determined With MRI	118
Y Nishida, S Tian, L Tallstedt, G Lennerstrand	110
Extraocular Muscle Surgery After Radiation Therapy For Graves' Ophthalmopathy	123
K Ogasawara, A Asakura, S Nakanima, M Shibuya	123
Force Development And Saccadic Velocity In Dysthyroid Ophthalmopathy	129
	129
S Tian, G Lennerstrand, Y Nishida Magazararat Of Subjective A destina To Cuele devictions	124
Measurement Of Subjective Adaption To Cyclodeviations	134
R M Mcnamara, RML Doran, M Geall, L Anderton	120
Pfeiffers Syndrome: A Study Of The Orthoptic Problems	139
JP Yih, J Walker, I Russell – Eggitt, W Readon, R Ahyward, B Jones	
Management Of Persistent Binocular Diplopia Following Cataract Surgery	144
The Role Of Fresnel Prisms	
J Wylie, Mhenderson, Mdoyle, M Hickey-Dwyer	
A New Device For Measurement Of Head Positions	149
JY Guesssant, P Debruyne, JF Rouland	

Management Of Head Tilt In Strabismic Patients W De Decker	157
The Factors Affecting Large Consecutive exotropia Following Surgery For Esotropia	162
RYB Roh, JR Lee	102
Surgical Management Of Anatomic Variations In Congenital Superior Oblique	166
Palsy	100
C Y Lo	
Long Term Post-Operative Results Of Early Treated Infantile Strabismus D Wittebol-Post, Mde Graff	171
Isolated Lacerations Of Extra-Ocular Muscles Following Penetrating	174
Stab Wounds Of The Orbit – A Preliminary Report	1/4
AND Murray Synthetic Tendon Extension Procedure (Step) In Rectus Muscle Surgery	179
S Kheterpal, RK Aggarwal, HE Willshaw	1/9
Masked Bilateral Superior Oblique Palsy	184
J Van Nouhuys-Leenders, IR Vleeming-De Jong	104
Medial Rectus Slanting Recession For Treatment Of Esotropia With Discrepancy	192
BZ Biedner, R Frilling, M Marcus	1,2
Fast Vergence Responses To Step Disparity In Small Angle Esotropia	199
With Anomalous Retinal Correspondence	
Z Georgievski	
Sensory Tolerance To Retinal Disparity In Subjects With Normal Binocular	204
Single Vision	
The Effect Of Foveal Fusion And Stereo-Acuity On Surgical Outcome In Intermittent	209
Distance Exotropia	
PE Waddingham	
Motion Perception Tested With Reversing grating In Duane's Syndrome	213
S Awaya, Y Suzuki, T Hirai	
The Relationship Between Binocular Function And Monocular Optokinetic	217
Symmetry	
C Timms, F Shawkat, P West, C Harris	
Monocular Optokinetic Nystagmus In Parents Of Children With	222
Congenital Esotropia	
M Sato, LA Abel, EM Helveston	220
Botulinum Toxin A In Essential Infantile Esotropia	229
EC Campos, C Shiavi, L Scrorolli, S Piaggi	222
Use Of Botulinum Toxin In Acquired Nystagmus	232
IB March, A Kosmin, KL Smyth A Case Of Abducens Palsy Due To Neuroborreliosis	241
J Krijnen, L Polman	241
The Pulfrich Steroephenomenon – A Literature Review And	249
Experimental Investigation	277
AG Pechereau, MA Quere, M Weber, F Lavenant	
Videorefraction: Its Use In Infant Vision Screening To Detect Strabismus	254
And Abnormal Refractive Errors	
S E Anker, J Atkinson, OJ Braddick	
Studies On Retinal Image – Development Of The Prejection Method	259
By The Non-Mydriasis Fundus Camera With A Built In Target	
S Uchida, S Fukai	
Clinical Application of The Non-Mydriasis Fundus Camera With A Built In Target	264
S Miyake, S Ohtomo, K Orito, S Uchida	
Incidence Of Post-Operative Diplopia In Adults After Surgery For Early	268
Onset Strabismus: An IOA Study	
E Cornell, N Jolly, R Heard	
The Detection Of Visual Stimuli By Drivers	274
N Jolly, P Mithcell, W Smith	

Incidence of Bitemporal Hemianopic Visual Field Defects In Pituitary Tumours F Rowe, C Thompson, A Webster	279
Usefulness Of Automated peripheral Isoptometry And Central Three Zone Testing	284
For Visual Field Screening In Children	204
H Suzumura, A Kobayashi, S Saito, A Koori, K Harasawa, N Endo, M Usui	
Preliminary Evaluation Of A Long Term Screening Project	289
K Thoren, J Andersson, E Caines, F Rasmusson	209
Assessment Of Visual Acuity In Preterm And Newborn Infants	292
R Frosini, S Frosini, L Campa, R Caputo, G Tosini	292
ECCVUE: Computer Software For Eccentric Viewing Training	298
K Fitzmaurice, JF Kinnear, YA Chen,	270
Visual Stimulation: Its Benefits In Therapy Of Low-Vision Pre-School Children	303
H Van Dueren, G Loots, H Thone	303
Functional State Of Retina In Children With Amblyopia	309
I Boichuk	307
A Long-Term Follow Up Study Of The Functional Outcome Of Eyes In Infants	310
Of Very Low Birthweight	310
E Ch. Schwarz	
Early Vision Screening – An International Study	311
M Wackerhagen	311
Screening Of Amblyogenic Factors By Photorefractor	312
R Ishii, K Yazawa, A Kanai	312
Effects Of Parental Education In The Treatment Of Amblyopia	313
A Rydberg, A Goransson, G Lennerstrand, P Wilen	313
The Melbourne Initial Screening Test (MIST)	314
S Brown, R Duyshart, I Story	317
A Follow Up Of Visual Acuity In Amblyopia Patients With Astigmatism	315
K Suda, Y Mori, H Shirabe, Y Sekiya, M Yamamoto	313
Contrast Sensitivity Analysis In Amblyopia Cases	316
Y Mori, K Suda, H Shirabe, Y Sekiya, M Yamamot	310
Treatment Of Strabismic Amblyopia In Patients With Dissociated Vertical Deviation	317
C Usui, N Kubota, M Nakagawa, N Ikuta	517
The Cardiff Acuity Test: A New Measure For Infant Vision In Practice	318
A Brown	310
The Use Of Cambridge Crowding Test In The Assessment Of Visual Acuity:	319
A Clinical Study	31)
IM Pocas, H Marques, L Dias Periera	
Screening For Refractive Errors By MTI Photoscreener TM In Young Children	320
R Fukuhara, M Totuka, C Miida, K Fujiike, T Nakamura, S Nishina, K Tomita,	320
Y Tanaka	
Evaluation Of The Standard Cure For Anisometropic Amblyopia	321
S Takamura, K Matsuda	021
A Protocol For Occlusion Therapy In Amblyopia	322
B Unwin	0
Pilot Study Of Low Dose Phenylephrine 2.0% And Atropine Sulphate 0.2% In	323
African-American Children	020
JC Merritt, NR Hanna	
Amblyopia In The Pediatric Population Treated With Silicone Oil For	324
Retinal Detachment	02.
B Bieder, I Klemperer	
Factors That Contribute To Visual Loss In Strabismic Patients	325
N Jolly, A Freeman, V Nguyen	. =
Vision Screening In Ethnic Minorities	326
LA Baxter, R Fuller	
The Results Of The Treatment Of Functional Amblyopia In Children At Age 7 And On	327
S Bosniakovska V Celeva M Golubovic-Arsovska	- *

Orthoptic Visual Screening Of Pre-School Children In Hong Kong GHS Leung, MK Leung, YH NG, RCM Tsui	328
Kinetic Vision Refractive Amblyopia	329
F Matsumoto, S Uchida	32)
The Number Of Low Vision Patients In Japan	330
K Tajima, T Mori, M Shibuya, A Asakura, S Nakajima	
Vergence Adaption In Fully Accommodative Esotropia	331
AY Firth	
A Review Of Excessive Accommodative Convergence/Accommodation (AC/A) Ratio	333
HJ Abbott, AY Firth, Cm Leach	
Strabismus And Orthoptics In Republica De Cabo Verde	334
Gulbenkain Ophthalmologic Missions	
L Dias Pereira, F Inocencio, Ilda Pocas, LN Ferraz De Oliviera Fresnel Membrane Prism For Partially Accommodative Esotropia	335
T Hasimoto, K Yago, H Tanji	333
Angle Reduction In Infantile Esotropia With Prismatic Treatment	336
H Yamamoto, K Hozawa	330
Comparison Of Exodeviation Corrected By Glasses And Contact Lenses In	337
Bilaterally Aphakic Eyes	
S Ohta, Y Matsui, S Oono	
Accommodation, Convergence And Pupil Dynamics In Phoriamyopia	338
M Matsuo, S Ohta, Y Matsui, S Hara, S Oono	
Intermittent Exotropia Of Distance Type: Patient V Practitioner Perception	339
Of Outcome Of Treatment	
JES White, P Fells, JP Lee Duane's Retraction Syndrome – A Different Perspective From Johannesburg	340
SC Young, NH Welsh	340
Recession Of Both Horizontal Recti Muscles In Duane's Syndrome With Globe	341
Retraction In Primary Positions	5-11
DT Sprunger	
A Cyclic Esotropia With A 3 Month Cycle Combined With A 24-72 Hour Cycle	342
Y Shin, H Nemoto, Y Nemoto, K Chiba	
Treatment by Acupuncture Of Convergent Strabismus With Variable Angle	343
S Labrador, F Renaudot, A Poletti, J Poletti, S Franzini XL, Xu	
Some Considerations On Age-Limit In Treatment Of Childhood Squint	345
I Reich-d'Almeida, F Reich-D'almeida	246
The Treatment Of Total Paralyisis Of The Lateral Rectus By Transposition According To Hummelsheim	346
L Dias Pereira, F Vaz, I Pocasa, LN Ferraz De Oliveira	
Surgical Treatment Of Acquired Convergent Strabismus Surgery	348
G Matsuura, J Kawahara, T Iwasaki, Y Wakayabayashi, A Sanada,	340
A Toyoguchi, K Yamamota, T Mizusawa, K Harasawa, Musui	
Factors Influencing Surgical Overcorrection	349
L Polman, F Kamsteeg, M Weel, J Krijnene	
Factors Influencing Binocularity For Horizontal Strabismus Energy In Adults	350
F Umazume, H Ohtsuki, S Hasebe, M Okano, T Furuse	
Influence Of Dynamic Background On The Eye Position	351
M Yamashita, T Tokoro, T Murakami, J Asakawa	252
MRI Measurement Of normal Eye Muscle In Different Gaze Y Nishida, S Tian, B Isberg, G Lennerstrand	352
Analysis Of Ambiguous Eye Movements During The Cover Tests	353
S Hasebe, H Ohtsuki, N Umazume, K Hasebe	333
Othoptic Training In Acquired Ocular Movementn Disorders	354
N Sakai, S Fukai, N Arai, M Oka, H Kimura	
On The Semieology Of A And V Patterns: Vertical Manipulation Of The Head	355
(Dolls Head Phenomenon)	

M Zanası	
The Orthoptist In The Care Of Patients With Brain Injury (Head Injury & Cerebro	356
Vascular Accident)	
A Macfarlane, N Jolly	
Fourth Cranial Nerve Palsy In Benign Intracranial Hypertension	357
FJ Rowe	
Community Prevalence Of Vertical Deviations In People Aged 49 Years And Older	358
R Sparkes, N Jolly, P Mithcell, W Smith	
A Study Of The Histochemical And Cytoenzymatic Alterations In Human	359
Strabismic Oculomotor Muscles	
Y Ducournau, MA Quere, A Pechereau	
Morphological Changes In Extraocular Muscel Of The Rabbit Produced	360
By Botulinum Toxin	
H Ohtsuki, S Hasebe, M Okano	
Treatment Of Acute Comitant Esotropia With Botulinum A Toxin	361
M Ohba, T Kii, M Hotubo, T Nakagawa	
A Case Of Congenital Abducens Palsy Treated With Botulinum Toxin	362
H Kimura, N Arai, M Oka, N Sakai, S Fukai, A Tabuchi	
Receptive Fields Of Retinal Ganglion Cells And Visual Fields	363
M Takahima, K Kani	
Binocular Cumulative Phenomenon Within The Binocular Visual Field	364
A Wakayama, S Fukai	
A Survey On Perception Of Visual Field Change	365
N Akaike, K Baba, H Muto, Kharasawa, N Endo	
Pupil Perimetry – Prototype Device	366
T Matsui, T Yoshitimo, A Fujita, K Mukuno, S Ishikawa	
Three Dimensional Perception And The Use Of Virtual Reality System	367
Y Komachi, K Miyazaki, T Murata, S Nagata, Kknai	
Difference Of Depth Perception By Usage Of Unilateral Visual Centre Or	368
Bilateral Visual Centres	
K Toda, A Watanabe, T Nakano, K Kitahara	
Photographic Method Of Measurement Of Ocular Deviation By Analysis Of The	370
Corneal Reflex	
F Lignereux, A Pechereau	
Videographic Analysis Of The Corneal Reflex Test In Spectacle Wearers	371
Y Hatsukawa, A Muai, K Kasai, A Furukawa, S Sugimoto, G Ohmi, T Fujikado	
New Propects For The Study Of Ocular Dynamics Through Grids Method	372
G Cattini, GP Gracis	
The Training Chart For Patients With Convergence Insufficiency	373
M Shibuya, S Nakajima, K Tajima, A Asakura, T Mori	
The Use Of A Modified Hand Perimeter In Orthoptics	374
S Van Buitenen, MM Van Hermert, M Ph Mourits	
The Torsionometer	375
Z Goergievski	0,0
Changes In Slow Phase Of Congenital Nystagmus (CN) By Biofeedback Treatment	376
A Matsuno, H Haro, Y Fuijiyama, S Aoki, K Mukuno, S Ishikawa	0,0
The Newly Established Ophthalmic Rehabilitation Clinic Of The	377
Hospital Of Kawasaki Medical School	<i>.</i>
A Tabuchi, K Yasuki, A Hasiba, C Tanaka, A Morinaga, A Kikuiri	
Side Effects Of The Use Of Botulinum Toxin For Treatment Of Strabismus	378
7. Liu	370

1999 Transactions of Ninth International Orthoptic Congress, Stockholm, Sweden

A New Orthopotics Trend In The 21st Century	3
Sakuko Fukai	
Long Versus Short Term Prism Adaption In Adults	17
V C Hansen, R S Freeman, C Swarbick	
How Far Can We Compare Primary Microtropia And Macrotropia?	21
V Paris	
Adaption To Torsion After Macula Translocation Surgery	25
J H Seabar, S F Freedman, C Toth	
Effectsof Eye And Neck Muscle Proprioceptive Activation On Eye	29
Position And Space Localization In Normals And Strabismics	
Y Han, G Lennerstrand	
Amblyopis In Sweden	35
G Kvarnstrom, P Jakobsson, G Lennerstrand	
State Of Rotterdam Amblyopia Screening Evaluation Study (RAMSES)	39
V K Lantau, R E Juttman, P J Van Der Maas, J T H N De Faber, H Simonz,	
J Hermans, F Pass	
Modulation Of Referral Criteria For School-Aged Children	42
C E Stewart, B Winn, P V Mcgraw	
Prevalence Of Adult Strabismus – A Preliminary Report	46
S Brown, L Weih, C Mccarty, H Taylor	
Amblyopia Treatment In Later Referrals In Non-Screened Area	53
A Southgate	
Is There An Upper Limit For Successful Occlusion Therapy In Amblyopia	57
D Friedrich	57
Amblyopia Treatment In Microstrabismus With Eccentric Fixation	62
J Van Nouhuys-Leenders	02
Amblyopia As A Cause Of Visual Handicap In As Unscreened Population	66
P Jakobsson, G Kvarnstrom, E Abrahamsson, E Bjernbrink-Hornblad, B Sunnqvist	00
Nerve Fibre Layer Thickens In Unilateral Amblyopia	68
M O'hara, J Burroughs, M Dirks	00
Functional Neuroanatomy Of Human Amblyopia	72
H Richter, K Imamura, O Franzen, A Rydeberg, Y Watanbe, B Langstrom,	12
G Lennerstrand	
Visual Acuity As A Functional Test In Amblyopia And As A Method For	76
Differential Diagnosis – 15 Years Of Experience With A Crowding Test (Landolt Rings)	70
W Haase, B Schmal, D Verlohr, B Liedke	
	90
Psychological Impact Of Occlusion Therapy In Unilateral Congenital Cataracts	80
D Thouvenin, N Jeanrot The Effect Of Written Information On Perental Compliance With Occlusion Thorange	0.1
The Effect Of Written Information On Parental Compliance With Occlusion Therapy	84
D Newsham	0.1
A Computer Based System For Acquisition, Recording And Analysis Of	91
3d Eye Movement Signals	
J Ygge, R Bolzani, S Tian	0.5
Detection Of Vertical Saccade Initiation Failure Using An OKN Projection System	95
S Garbutt, C M Harris	100
Monocular Clues In Tests Of Stereoacuity	103
J M Holmes D Leske	40=
Margaret Fitton Lecture: Assessment Of The AC/A Ratio Using The Remote	107
Haploscope	
A M Horwood, P M Riddell, J E Turner, S M Houston	
A Method Of Assessing Visual Performance Applicable To	111
Multi-Hanidcapped Children	
K Fitzmaurice, H Maclean	
Presbyopia And Strabismus: New Symptoms, Old Patients	119

C J Lyons, D T Oystreck	
The Effect Of Orthoptic Treatment On The Proximal Component	123
Of The Near Response	
E Cornell, J Predebon, Y P Vu	
The Incidence Of Visual Dysfunction In Children With Reading Difficulties	127
G Godts, L Smeets, P Evens, M J Tassignon	
Findings In Congenital Fibrosis Syndrome Of The Extraocular Muscles (CFEOM)	133
G Rudoplh, H D Schworm, A Golla, T Meitinger, B Lorenz, A Kampik, K P Boergen	
The Significance Of Interpupillary Distance On The Strabismus In	137
Craniofacial Dysostosis	
J W Walker, I Russell-Eggitt, N Ragge, R Hayward, B M Jones	
Visual Function Inchildren With Periventricular Leukomalacia	141
L Jacobson, J Ygge, O Flodmark, U Ek	
Multi –Sensory Treatment Of Nystagmus	145
K Caiffreda, B Tannen	115
Pseudotumor Cerebri – Eye Finding Plus	149
P Jenkins, C Gunderson, J D Cook	147
Ocular Motor Abnormalities Following Whiplash Injuries	153
H Griffiths, J Whittle, I Whelehan, R Workfolk, J P Burke	133
Interpretation And Management Of Symptoms In Supranuclear Gaze Disorders	157
G Roper-Hall, S M Chung	137
Atypical Ocular Myasthenia Gravis	161
	101
J Krynen, L Polman	165
A Neuro-Orthoptic Approach To Multiple Sclerosis	165
V Trimble	170
Anoise Related Blurred Vision	170
J Mingle, C Flinn, M Green	177
Scleral Implanbts – A Useful Technique In Eye Muscle Surgery	177
J Blohme, G Stigmar, J Hall-Lingberg, K Moutakis	101
Combined Rectus Muscle Resect/Recess	181
E G Buckley	
Surgical Pleoptics	185
W De Decker, E De Decker	
Surgical Management Of Baglioni's Syndrome	190
C Y Lo, T Marou	
Extraocular Muscle Surgery In Persisting Tonic Downgaze,	194
Esotropia And Upgaze Palsy	
E Schulz	
Aqueous Flare And Corneal Endothelial Cell Density As Parameters Of	196
Oxygen Supply After Eye Muscle Surgery With Involvement Of 4 And	
More Ciliary Arteries	
G C Gusek-Schneider, N X Nguyen, B Seitz, M Kuchle	
Review Of The Myotoxic Effects Of Retrobulbar Anaesthetics	200
B Wakeman	
Restrictive Vertical Strabismus Following Orbital Decompression	204
C W Avilla, M Mazow	
Visual Outcome And Alignment Of Patients Presenting With Orbital Injuries	209
T Eariss, F J Rowe	
Severe Rectus Muscle Injury: Diagnosis And Management Using MRI Scanning	213
A Rosenbaum, J L Demer, G Shin	
Benign VI Nerve Palsies In Childhood	219
B Schmal, D Verlohr, E Schulz	
Emmetropization In Patients With Accommodative Esotropia	223
T D France, L W France	
The Accommodative Convergence/Accommodation Ratio As A Predictor To	227
Control Of Fully Accommodative Esotronia Without Ontical Correction	·

The Role Of Botulinum Toxin A In Acute Onset Esotropia	231
E Dawson, W Marshmann, G G W Adams	
Consecutive Exotopia Following Surgery For Partially Accommodative Esotropia	234
K Arnoldi, L Tychsen	
Asynchronous Manifestations Of Bilateral Brown's Syndrome	241
S P Kraft, N U Nabi, M E Wilson, J D Roarty, A S Budning	
Diagnosis And Treatment Of Combined Oblique Eye Muscle Dysfunctions	243
K P Boergen	
Epidemiology Of IV Nerve Palsy	247
C A Gunderson, M L Mazow, C W Avilla	
Discrepancy Between Measureable Excycoltropia And The Real Rotary	251
Deficit Incases With Marked Bielschowsky Head Tilt Phenomenon	
W Happe, H Muhlendyck	
Study Of Unilateral High Myopia With Or Without Heavy Eye Phenomenon	253
V Dedes, P Lablette, J Y Guessant, O Devos, M P Leroy, J F Rouland	
Pathophysiology Of Binocularity	259
E C Campos	
Dissociated And Associated Phoria: Do They Indicate Asthenopia?	264
G Kommerell	
The Postoperative Diplopia Test And Botulinum Toxin As Predictors	271
Of Post-Operative Sensory Outcome	
A L Spencer, A M Ansons	
Projection In Longstanding Strabismus	272
M A Deacon, J K Hole	
Can "Worth" Be Found In The 4 Dot Test?	273
D T Oystreak, C Parsons	
The Relationship Between Motion Stereopsis And Peripheral Fusion In	274
Patients With Esotropia	
I Matsuda, S Asonuma, C Kawabata, A Akaike, C Kumazaki, N Kunisawa,	
Y Takami, T Fujikado	
A Study Of Fusional Vergence Movements	275
T N Theodorou, H J Griffiths, J P Whittle	
Stereoacuiy After Implantation Of Different Designed Multifocal	276
Intraocular Lenses	
E Ch Schwarz, T Walkow, E Waffenschmidt	
M And P Pathway Anomalies In Functional Amblyopia: Effect Of	279
Treatment Evaluated By Patter VEP's And Reaction Time	,
R Beneish, P Lachapelle, J Lachapelle, M Mckerral	
The Crowding Effect Can Be Observed In Normal Subjects And Can Be	280
Improved By Pop Out	
T Hayakawa, S Miyauchi, M Kato, A Onishi, H Baba, K Maruhama, H Moriyasu	
Assessment Of Contrast Sensitivity In Children Aged 3 Years, 9months – 6 Years	281
A Rydberg, Y Han, B Ericson	201
Motion Detection Test In School Children	282
R Bolzani, A Rydberg, V Belli, M E Pappalardo, J Ygge	202
Fournier Analysisis Of Steady-State VEP's In Subjects With And Without Stereovision	283
B Johansson, P Jakobsson	203
The Effect Of The Proximity Factor And Fusional Convergence On	284
Accommodation In Exophoria, Exotropia And Orthophoric Subjects	204
Y Sugiyama, C Oki, K Tsuchiya, H Ishikawa, S Ishikawa	
	285
Functional Neuroanatomy Of The Human Accommodative/Vergence System H Richter	203
	200
Threshold Sensitivity Of Strabismus Detection: A Pilot Study M A Deacon, C Leach	289
	200
Objective Measures Of Accommodation When Testing Binocular Visual Aguity Of Fully Aggregative Features Without Refractive Correction	290
Visual Acuity Of Fully Accommodative Esotropes Without Refractive Correction	

A Y Firth	
Assessment Of Near Triad In Accommodative Esotropia	291
N Shoji, A Aoki, Y Fujiyama, T Niida, K Mukuno, H Ishikawa	
Decompensation Of Convergence Excess Esotropia In Adulthood	292
L Pankethman, J Hole, M A Deacon	293
Muscle Sequelae In Acquired VI Nerve Palsy L Garnham	293
Botulinum Toxin As Pre-Surgical Treatment For Abducens Nerve Palsy	294
Y Nemoto, H Kaneko, K Nishide, T Hayashi, T Maruo	27.
Long Term Postoperative Stability In Infantile Esotropia	295
F J Rowe	
Ocular Deviation And Binocular Vision Of Infantile Esotropia Treated	296
With Combined Use Of Surgical Undercorrection And Post-Operative Prisms	
M Shioya, K Minamimura, Y Fukuoka, U Shinjo, A Sawada	207
Early Surgery For Infantile Esotropia H Shirabe, Y Mori, M Dogru, M Yamamoto	297
Spontaneous Change Of Ocular Deviation In Infantile Esotropia	298
M Nakagawa, T Maruo, N Kubota, T Hayashi, N Ikuta, Y Arima	270
Spontaneous Consecutive Esotropia	299
J K Hole, L Pankethman, R Doran	
Risk Factors Of Consecutive Exotropia	300
A Svede, I Hercoga, S Valeina	
Long-Term Effectiveness Of Surgery For Exotropia	301
M Mitta, S Oda, K Sasamoto, A Inatomi	205
It The Treatment Of Brown's Syndrome With Local Steroids Justified? R Wilson, I Marsh	305
Clinical Characteristics Of Class III Congenital Superior Oblique Palsy	306
M Sato, M Maeda, T Ohmura, Y Miyazaki	200
Estimation Of Range Of Motility Of Straight And Oblique Muscles In	307
Persons Without Squint	
L Puchalska-Niedbal	
Isolated Idiopathic Inferior Rectus Palsy	308
J White Vertical Duane's Retraction Syndrome	309
A Cook, I B Margh, M Doyle	309
The Stroke Patient And Common Orthoptic Problems	313
B Neikter, P Klein	
Ocular Status Of A VDU (Visual Display Unit) Population	314
J Mehta	
Ophthalmic Manifestations Of Crotalide Envenomations In The United States	315
G Denslow, A Mccarthy	216
Doctors Delay In Retinoblastoma? L Polman, A C Moll, S M Imhof	316
Pseudostrabismus Associated With Retinopathy Or Prematurity	317
L Gannon, C Moen, D Clark	317
Incidence Of Strabismus Associated With Retinopathy Of Prematurity	318
A O'connor, A R Fielder, T J Stephenson, M Ball, K Fielding	
A Longitudinal Study Of Premature Infants With Stage 3 Retinopathy Of	319
Prematurity (ROP): Ortoptic And Refractive Outcomes At 6 And 36 Months	
(Corrected Age)	
D Clark, R Wilson, L Gannon, F Pennie Atypical Fixation Due To Submacular Disciform Neovascular Membrane With	320
Virteous Haemorrhage	320
F J Rowe	
Rotated Fowea With Good Vision And Binocularity Infamilial Exudative	321
Vitreoretinopathy	

N Nozaki, S Akaike, S Ogooonuki, S Nishina, N Azuma, K Tomita Sporadic Aniridia In A Girl, Congenital Cataract With Nystagmus In Her Maternal Grand-Uncle, And Idiopathic Nystagmus In The Grand-Uncles Son: Three Diff Diagnoses Or One Entity With Variable Expressivity	322 erent
• • • • • • • • • • • • • • • • • • • •	
H Link, E Gampe, S Kern, B Lorenz	222
Diagnositic And Therapeutic Aspects Of Sensory Defect Nystagmus	323
E Gampe, H Link, M Andrassi, C Girth, B Lorenz	
Strabismus Associated With Congenital Cataract	324
G Simonsson, U Kugelberg, A Lundvall	
Eye Movements During The Decoding Process	327
V Rawsthorne	
The Impact Of Orthoptic Treatment On Reading And Spelling Performance	328
J Wulff, N Jolly, E Cornell, R Heard, N Anton, M Austin	
Reading Difficulties In Patients With Right Hemianopia And Their	329
Rehabilitation (Contrasting The Distributed Brain Systems Involved In	
Reading Single Words And Text In Norma And Alexic Subjects)	
B Unwin, A P Leff, S Scott, H Crewes, D Howard, R J S Wise	
Diagnosis And Treatment In Patients With Asthenopic Symptoms	330
B Neikter, B Eriksson-Derouet	330
·	333
The Amblyogram: A Dynamic Approach To Amblyopia And Its Treatments	333
D Thouvenin, B Gajan, M Nardin	224
Parental Compliance With Occlusion Therapy	334
D Newsham	
Treatment Compliance In Amblyopia Patching	335
H J Simonsz, J R Polling, R Voorn, J Van Leeuwen, H Meester, K Romeijn	
The Exploration Of Parents Perception And Experiences Of Caring For A Child	336
Who Has Undergone Cataract Extraction	
J K Clarke	
Eccentric Fixation As A Problem In The Treatment Of Amblyopia	337
A Kedeva-Petrova	
Pleoptic Treatment For Anisometropic Associated With Unilateral Congenital	338
Anomalies	
T Kojima, R Yamamoto, N Hashimoto, H Wada, F Takahashi, H Ishigooka	
Studies On Fixation Using The Image Diagnosis Method	339
H Yoshida, S Fukai, M Morita, S Uchida	337
Studies On Fixation Difficulty At Near Vision	340
· · · · · · · · · · · · · · · · · · ·	340
N Hoshihara-Fukuda, A Tabuchi, S Fukai	241
Axial Length Of The Eye In Anisohypermetropic Amblyopia	341
C Usui, T Maruo, N Kubota, T Hayashi, Y Misaizu, K Nagai	2.42
Can The Animal Model Of Visual Deprivation Amblyopia And Myopia	342
After Lid Closure Be Established In Human Congenital Ptosis	
G Ch Gusek-Schneider, P Martus	
A "Lost Muscle", A "Lost Case"?	345
M Swart-Vb D, E Berg, T Tijssen	
Which Patients Require Adjustable Sutures?	346
L B Marsh	
Late Results Of Subjective And Objective Cyclorotary Changes Following	347
Surgery Of The Oblique Muscles	
H D Schworm, P Sauter, O Ehrt, G Rudoplh, K Boergen	
The World In Extorsion: What To Do About It? Horizontal Transposition	348
Of The Inferior Rectus Muscles For Exocyclotropia	5 10
M A G Bouten-Wijnhoven, G Cinque, J T H N De Faber, C Kingma-Wilschut	
The Physiological Impact Of "Cosmetic" Strabismus In Adults	349
	J 4 7
S Brannen, G Vinten, J Vinten, M Doyle, G Baker, I Marsh	252
Orthoptists And European Citizenship	353
M Louly, M Van Lammeren	

1	354
E M Olsen, K W Tangent	
1	355
I R Vleeming-De Jong	
	356
B De Vries, N M Jansonius, T B Kerkhof, J R W Pott, M F L Versteegh, R H J Wijdh	
$oldsymbol{arepsilon}$	357
Amblyopia And Refractive Errors In Children	
G Schalit, J Howell, S Tansley, G G W Adams, A Mcintyre	
1	358
S Fukai, N Hoshihara-Fukada, Y Uchikawa, M Sumitani, T Nagahara, H Baba,	
H Kimura, S Awaya, A Tabuchi	
	61
Supranuclear Palsy	
M M C Weel, H L M Stam	2
**	862
G Schwerdtfeger, K Weinand, M Graf	
	63
A Wakayama, K Ohmure, F Matsumoto, T Tanimoto, T Kusube, T Otori	1
	864
F Matsumoto, A Wakayama, K Ohmure, K Tanoue, T Otori	~
	65
Y Fujiyama, H Ozawa, S Ishikawa	
	69
S Kongsangchai The Feeders and Prints Of A Scientiff's Mathed Of Feederston And	70
	370
Rehabilitation For Low Vision People	
C Dauxerre, C Corbe	71
e	371
Their Visual Field Loss?	
T Hirai, T Omura, M Sato, K Tsuzuki Introduction Of Managular And Binagular Visual Functions Ion Myonia Patients 2	375
→ 1	13
Submitted To Photorefractive Keratectomy (PRK) V Kortas Pires De Camargo	
<u> </u>	377
X Gao, L Ma, G Xu, D Zhang	, ,
	378
C Moore, A V Drack	70
	379
And Squint	17
C Stolovitch	
	883
C Lewis, A Mcintyre	.03
· · · · · · · · · · · · · · · · · · ·	884
Microstrabismus	0-
W G Van Den Berg-Den Bok, M Muyskens	
· · · · · · · · · · · · · · · · · · ·	885
Cardiff Test, Lea Hyvaerinen – Test (LH Test) And H Test (Kolt)	.03
B Christiani, B Schmal, W Haase	
	886
Looking Method (Teller Acuity Cards)	
C Schoffler, Y Renkin, E Schulz, W Haase	
	887
C Y Lo, T Maruo	٠,
	888
K Miyazaki, Y Nishida, T Murata, O Hayshi, M Noguchi, K Kani	

A New Adaption of The Electric Hess Test	389
H Webb, C Hogg, J Lee	
Evaluation Of Static Ocular Countertorsion In Normal Subjects Using A	390
Handheld Automated Keratometer: Implications For The Bielschowsky	
Head Tilt Test	
C Palmer	
Detection Of Slightly Slowing Saccade Using Electrooculogram	391
K Kamigaki, T Niida, K Mukuno, T Yamada, S Ishikawa	
An Enhancement Study Of Extraocular Muscles Using MRI	393
O Hayashi, Y Nishida, T Murata, Y Aoki, M Kimura, K Kani	

2004 Transactions of Tenth International Orthoptic Congress, Melbourne, Australia CD ROM transactions

Burian Lecture

Factors Contributing to the Outcome of Sensory Testing in Patients with Anomalous Binocular Correspondence

Kyle Arnoldi

Steady-State Sweep VEP Acuity in Childhood Amblyopia: A Longitudinal Prospective Treatment Study

Arvind Chandna, S.I.Chen, A.M.Norcia, D.Stone

Snellen, Sheridan Gardiner and Lea Symbols Acuity: A Comparative Study

Arvind Chandna, J. Senior, L.Bell

Recovery of Contour Integration Thresholds in Relation to Logmar Visual Acuity during Treatment of Amblyopia in Children

Arvind Chandna, A.M.Norcia

A National Survey of the Use and Range of Written Guidance for Occlusion in the Treatment of Amblyopia

Sue Elliott

Amblyopia: 'Is there more to Amblyopia Treatment than Meets the Eye?'

Sahira Hanif, C. Noonan

The Psychosocial and Functional Impact of Amblyopia and its Treatment

Konstandina Koklanis, L.Abel, R.Aroni, J.E.Elder

Atropine Occlusion-How Long Does it Take for Fixation to Swap?

Rowena McNamara, P.Rice

Factors Predicting Non-Compliance with Occlusion Therapy for Amblyopia: Results from the Electronic Recording of Patching for Amblyopia Study (ERPAG)

E.van Minderhout, S.E.Loudon, B.Simonsz, M.V.Joose, M.Fronius, M.Awan, D.Newsham, R.A.Harrad, H.J.Simonsz

Inventory of 404 Orthoptists Simultaneously Prescribing Occlusion Therapy for Five Sample Amblyopic Cases

Janine Monique Van Zon, R.Delle Site, S.E.Loudon, J.R. Polling, B.Simonsz, H.J.Simonsz Evaluation of Reading Using Mnread-Jk with Normal Children and Anisometropic Amblyopia Children

Kazuyo Ohmure, Fumiko Matsumoto, Akemi Wakayama, Kiyo Ohmura, Toru Kusube,

Kosuke Abe, Masayo Kinoshita, Yoshikazu Shimomura

II. Electronic Recording of Patching for Amblyopia Study (ERPAG): Can Compliance be Improved?

Brigitte Simonsz, S.E.Loudon, M.V.Joosse, M.Fronius, M.Awan, D.Newsham, R.A.Harrad, H.J.Simonsz

Longterm Outcome of Occlusion Therapy for Amblyopia in a Historic Cohort

Brigitte Simonsz, H.Van Kempen, E.S.van de Graaf, G.W. van der Sterre, H.J. Simonsz

Spatial and Temporal Distortions in Strabismic Amblyopia

Ruxandra Sireteanu, C.Baumer, C,Sarbu, S.Tsujimura

An Electrophysiological Study of Magnocellular and Parvocellular Visual Function in Early and Late Onset Strabismic Amblyopia

John Sloper, A.Davis, M.Neveu, C.Hogg, M.Morgan, G.Holder

Optimisation of the Dose-Response of Occlusion Therapy for Amblyopia: The ROTAS Study Catherine Stewart, M.J.Moseley, D.A.Stephens, A.R.Fielder

Treatment Dose-Response for Amblyopia: Results from the MOTAS Study

Catherine Stewart, Merrick Moseley, David Stephens, Alistair Fielder (on behalf of the MOTAS Cooperative)

Evaluation of Diagnostic Usefulness of the Simultaneous Foveal Perception Test in Assessment of Anisometropic Amblyopia

Sachiko Takamura, K.Matsuda

Treatment of Amblyopia in Japan

Chie Usui, T.Hayashi, M.Minoda, S.Kawano

Range of Accommodation and Binocular Vision after Refractive Surgery

Jeroen Claeys, D.Godts, R.Trau, M.J.Tassigno

Assessing the Dominant Eye - A New Method to Determine Sensory Dominance during Binocular Vision

Elaine Cornell, C.Emmanouilidis, N.Moss

Does Dissociation Reduce Stereoacuity?

Helen Davis, Michelle Tewkesbury, Jonathan Dominic, John P Frisby, David Buckley

Does Stereoacuity Correlate with Interpupillary Distance for Normal Observers? –

John P.Frisby, Emma Patchick, Rebekah Edgar, Helen Davis

Assessment of Sensory Ocular Dominance

Junko Fujita, Takahiro Niida, Kazuo Mukuno

The Age-Related Decline in Stereopsis as Measured by Different Stereotests

Louise Garnham, J.Sloper

A Clinical Quantitative Measurement of Ocular Dominance

Tomoya Handa, Hiroshi Uozato, Kazuo Mukuno, Takahiro Niida, Nobuyuki Shoji, Risako Higa, Marie Nitta, Kimiya Shimizu

Can Stereo Tests be an Indicator of Decreased Visual Acuity?

Toshie Hirai, Keisuke Takahashi, Yoshikatsu Kawase, Muneko Tanabe, Norio Ohba

Stereoacuity Following Unilateral and Bilateral Cataract Extraction

Rebekah Lawry

Measurement and Improvement of Visual Skills in Young Adults

Yoshie Morita, Akiko Toshimitsu, Mitsuko Shima, Maureen Powers

Diagnosis and Treatment in Patients with Asthenopic Symptoms Due to Exophoria

Birgitta Neikter, Brigitte Eriksson-Derouet

Monovision by Implanted Intraocular Lenses

Marie Nitta, Takahiro Niida, Risako Higa, Kimiya Shimizu

The Effect of Simulated Torsional Disparity on Horizontal Fusional Vergence and Stereopsis in Normal Subjects

Michael Sleep, Z.Georgievski

Strabismus In Childhood: Unilateral Cataracts Function Of Age At Surgery (About 75 Cases).

Dominique Thouvenin, C.Lesage, S.Nogue, L.Fontes, O.Norbert, J.L.Arne

The Use of a Computerised System for the Study of Binocular Vision: First Experiences

Joy White, Hector Rojas-Anaya, L.Ripley

Disruption of Binocular Vision following Cataract Surgery

Joy White

The Influence of Vestibular Eye Movements on the Precision of Vergence Eye Movements during Head Tilt

Elaine Cornell, J.Predebon, I.Curthoys

Binocular Co-Ordination of Saccades in Children Born Preterm

David Newsham, Paul Knox, Richard Cooke

A Study to Investigate the Effect of a Moving Background on the Accuracy and Latency of Saccades

Joanna Tarbox, Jon Whittle

Fixation Behaviour and Stability in Normal Children

Jan Ygge, E.Aring, Y.Han, R.Bolzani

A Survey of Quality of Life in Patients with Age Related Macular Degeneration

Jill Carlton, G. Phippen, C. Czoski Murray, J.E. Brazier, C. Brand, L. A. Hughes

Orthoptic Intervention for Children with Multiple Disabilities. Does it make a Difference?

Rachel Elliott, Heather Crossman

Effectiveness of Gradient Absorptive Lenses

Hiromi Hayashi, Marie Miwa, Kazuko Kanno, Kenji Yanashima

Understanding Children with CVI

Lea Hyvarinen

Changes to Paediatric Referral Patterns to Royal Blind Society Over 10 years

Marion Rivers

Eccentric Viewing Training - Comparing Situation and Success in Kenya and Germany Petra Verweyen

The Prevalence of Charles Bonnet Syndrome in Persons with Low Vision

Meri Vukicevic, Kerry Fitzmaurice

A Comparison of Rehabilitation Strategies Used to Ameliorate the Impact of Centre Field Loss:

Preliminary Results

Meri Vukicevic, Kerry Fitzmaurice, Larry Abel

Assessment of Optic Nerve Compression in Cases of Thyroid Eye Disease

Hilary Boyce, N.R.A.Parry, J.L.Noble

Follow-Up at Age 12-14 Years of Visual and Oculomotor Function in Children with Spina

Bifida Cystica and Arnold Chiari Malformation

Elizabeth Caines, Margareta Dahl, Gerd Holmstrom

An Investigation of the Long-Term Effects of Stroke- Related Visual Field Defects

Paula Callaghan, Claire Copeland, Brendan Martin, Brigitte Yip

Visual Characteristics of Community Returning Stroke Survivors

Ian Cunningham, Paul Knox, Fiona Rowe, Tony Fisher, Cathy Jack

The Incidence of Superior Oblique Weakness following Foramen Ovale Wiring for Temporal Lobe Epilepsy. A Prospective Study.

Melanie Doyle, Ian Marsh, David Smith

The Orthoptist's Contribution on a Stroke Rehabilitation Ward

Fanny Freeman

The Varied Understandings and Experiences of Congenital Nystagmus

Adrienne Hall, Larry Abel

The Heimann-Bielschowsky Phenomenon: An Acquired Unilateral Vertical Nystagmus

Following Severe Monocular Visual Loss.

Gemma Hocking, R.V.Abadi

Orthoptic Problems following Stroke

Rachel McKay

Ocular Motility and Alignment Abnormalities in Horizontal Gaze Palsy and Progressive Scoliosis (HGPPS)

Darren Oystreck, T.Bosley, M.Salih, T.Kansu, J.Jen

Eye Movement Disorders Associated with Intracranial Shunts

Gill Roper-Hall, S.M.Chung, O.A.Cruz

Visual Function and Ocular Motility Consequences of Lumbar-Peritoneal Shunt

Complications Fiona Rowe

With the Rule Astigmatism in Congenital Horizontal Jerky Nystagmus - A Prospective Study Upali Seekkubadu, R.M.McNamara

Correlation of MRI Findings with the Visual and Perception Performance of Children Born Pre-Term

Chris Timms, B.Vollmer, F.Vargha-Khadem

A New Visual Field Screening Test (Suzuki's Eye Check Chart)

Reiko Higashi, Taketoshi Suzuki, Takayuki Oba

Evaluation of Visual Perception Using Pattern VEP - Horizontal/Vertical Fresnel Prisms

Noriko Hoshihara-Fukuda, Sakuko Fukai, Misa Tanabe, Miyuki Furuyama

Age-Related Changes in Wavefront Aberrations of the Human Eyes

Misae Ito, Daisuke Aizawa, Yoshihiko Iida, Takashi Yano, Sachiko Sekiguchi, Nobuyuki

Shoji, Hiroshi Uozato, Kimiya Shimizu

Effect of Pupil Size on Binocular and Monocular Visual Functions

Takushi Kawamorita, Hiroshi Uozato

A Simultaneous Record of Triad of Near Reflex with a New Device

Takayuki Oba, R.Higashi, Taketoshi Suzuki

Development of a Treatment Method in Which Recovery in Contractility of Iris Sphincter

Muscle is Achieved in a Short Duration after Administration of Tropicamide, a Mydriatic

Agent used for Funduscopy

Mayumi Okano, Y.Uchikawa, R.Yamamoto

Visual Acuity Thresholds with Retinal Eccentricity: Evaluation of Four Paediatric Acuity Tests

Gary Price, Tejpal Shergil, Arvind Chandna

Is Reading Distance a Function of Reading Material Size?

Luke Skilbeck, Catherine Devereux

Paediatric Contact Lenses - Further Expansion of the Role of the Orthoptist

Clare Dewsbery

Sensory and Motor Outcomes with Infantile Cataract

Joanne Forster, R.V.Abadi, I.C.Lloyd

Refractive Changes and Ocular Axial Length Growth Associated with Aphakia in Patients with Unilateral Congenital Cataracts

Birgit Griffiths, E.Schulz

Cycloplegics in the Paediatric Setting: A Comparison between Cyclopentolate and

Homatropine Konstandina Koklanis, S.Staffieri, J.E.Elder

Does Refractive Correction Impede Emmetropisation?

Sarah Richardson, Helen Haggerty, Susan Hrisos, Nicholas Strong, Michael Clarke

Evaluation of ROP - Incidence over a 25-Year Period in One Neonatal Unit

Ebba Schwarz, Kathleen Kunert, Beate Ruppert, Roland Wauer

Retinoblastoma and the Orthoptist

Sarah Turner

A Multidisciplinary and Shared Care Approach to Retinoblastoma

Sarah Turner, Maureen McCalla

Ocular Abnormalities in Deaf Children

Bronia Unwin, Joanna Lawson, Nigel Davies

Causes of Visual Loss in the Craniosynostoses: An Overview of 30 Years' Experience Jane Walker, R.Hayward, A.Liasis, B.Walters, S.Mohammed, D.Dunaway, K.K.Nischal

Ocular Findings in Unicoronal Synostosis

Bronwen Walters, Shafquet Mohamed, Alki Liasis, Ken Nischal

An Overview of Orthoptic Research in the 21st Century - Scientific Committee of the International Orthoptic Association (IOA)

An "Online" Discussion Forum to Support Orthoptic Clinical Education

Catherine Devereux, Zoran Georgievski, Linda Santamaria

Verbal Skill of Orthoptists in Clinical Practice in NSW Public Hospitals

Neryla Jolly, H.Metlej, R.Heard

The Development and Diversity of the Role of the Orthoptist of the St. John Eye Hospital in Jerusalem

Judith Musallam, Jane Tapley

Students Teaching Students Refraction. Is There a Role for Peer Mentoring in the Education of Orthoptic Students?

Jean Pollock, Zoran Georgievski, Catherine Devereux

Using Online Discussion Groups to Enhance the Learning Outcomes of Undergraduate Orthoptic Students. What have we Learnt?

Sue Silveira, Helen Wozniak, Robert Heard

The Current Education of Orthoptists in Japan, Evaluation Method on Clinical Practice

Yoshikazu Uchikawa, M.Okano, K.Yoshihiro, M.Takaki, S.Uchida, S.Fukai

An Audit of Shared Care Practice for Paediatric Referrals in an Inner City Orthoptic

Department Rosemary Andrews, Marie Cleary, Hannah Stewart, Dawn Buchan, Gordon Dutton

Comparison of the LogMAR, Cardiff and Lea Visual Acuity Tests in Children

Anju Chandna

Preschool Photoscreening: Results from 100,000 Screened Children

Sean Donahue

Reliability of Visual Acuity Measurements in Vision Screening

Lea Hyvarinen

Mesopic Vision Assessment in the Senior Driver

Neryla Jolly, J.Major, S.Blanchette

Driver Confidence: The Impact of Age Related Cataracts on the Appreciation of Visual Cues in the Driving Situation

Neryla Jolly, P.Narayan, R.Heard

Rotterdam Amblyopia Screening Effectiveness Study (RAMSES): A Follow-Up Study

V.Kathleen Lantau, J.H. Groenewould

Pseudostrabismus?

Cindy Pritchard, G.S.Ellis Jr.

Evidence Based Orthoptics: The Importance of Systematic Reviews

Sarah Richardson, S.Elliott

A Prospective Study of Asthenopia in School Children Orthoptic and Ophthalmological

Evaluation and Effect of Treatment

Saber Samuel Abdi, Agneta Rydberg

The Roles of Orthoptists in Vision-Check Program for Infants in Japan

Mikiko Tsunekawa, Keiko Nakamura, Hiroko Tanji, Kayoko Nemoto

Risk of Bilateral Visual Impairment in Subjects with Untreated Amblyopia: A Population-

Based Prospective Study

Marleen Vermeulen-Jongen, R.van Leeuwen, M.Eijkemans, H.Simonsz

Photoscreening Survey for Amblyogenic Factors in Preschool Saudi Children

Keith Wilken, Abdulaziz Awad, Ali Al-Rajhi, Abdullah Al-Dearbey, Shahira Al-Turkmani,

Amna Fallata, Ali Al-Hazmi

Binocular Single Vision in Surgically Treated Primary Constant Exotropia

A.L.Ansons, A.M.Ansons

A High Frequency of Abnormal Orthoptic Findings in Children Adopted from Eastern Europe

Eva Aring, Marita Andersson Gronlund, Ann Hellstrom

The Effect of Refractive Surgery on the Angle of Deviation in the Strabismic Patient

Carolyn Calcutt

Intermittent Exotropia is not Always a Progessive Condition

Michael Clarke, S.Richardson, H.Haggerty, S.Hrisos, N.Strong

The Natural History of X(T) Revisited

Stephanie Dotchin, Kenneth Romanchuk, Jocelyn Zurevinsky

A Systematic Review of Interventions for Infantile Esotropia

Sue Elliott, A.Shafiq

Effect of Refractive Surgery on Binocular Vision and Ocular Alignment in Patients with

Manifest or Intermittent Strabismus

Daisy Godts, J.Claeys, M.J.Tassignon

Genetic Influence on Strabismus and Stereopsis in Children: The Twins Eye Study Tasmania

Lisa Kearns, S.Brown, J.MacKinnon, J.Poulsen, C.Hammond, L.Scotter, D.Mackey

New-Onset Childhood Accommodative Esotropia after Monocular Patching

Arif Khan

Replacing the 6 Metre Test Distance with 3 Metre for Prism Cover Test Measurement

Rowena McNamara

Longitudinal Evaluation of Control in Intermittent Exotropia

Brian Mohney, J.Holmes

The Objective Assessment of Ocular Cyclo Torsion Using Digital Fundus Imaging

A.L.Ansons, A.M.Ansons

Making Sense of Strabismus

Arvind Chandna

Ocular Motility Problems following Treatment for Uveal Malignant Melanoma

Emma Dawson, John P.Lee

Aetiology and Prognosis of Sixth Nerve Palsies

Helen Davis, Lindsey Hughes

Diplopia after Cataract Surgery: A Review of 150 Cases

Christopher Lyons, H.Nayak, D.Oystreck, R.Cline

Sudden Onset Vertical Diplopia Due to Silent Sinus Syndrome

Claire MacIntosh, C.Riddell, S.Oakland

Does the Position of the Extraocular Muscle Pulleys Dictate Ocular Alignment?

Wendy Marshman, L.Kowal, S.O'Leary

Marcus Gunn Jaw Winking Ptosis following Acquired Total Right 3rd Nerve Palsy Ann McIntyre, John P.Lee

Tilt and Ocular Motility Measures following Macular Relocation and Counter-Rotation

Surgery Jignasa Mehta, David Wong, Judith Wylie, Jane Young

A Review of Cases of Duane's Retraction Syndrome Presenting to St John Eye Hospital J.Musallam, Jane Tapley, M.Ishaq, H.Rishmawi

Comparison of Measurements Obtained From the Lees Screen, Synoptophore and Harms Wall

Jean Voller, Gemma Bates, Lesley Fowell, Gemma Gardner, Joanne Horridge, Diane Oliver, Lucille Whalley

The Role of Botulinum in Strabismus

S. Anderson, A. Chandna, S. Chen, J. Young, G. Price

Surgical Management for Large Vertical Deviations in Thyroid Eye Disease

Alec Ansons

Clinical Application of 3D Interactive Software for Planning Strabismus Surgeries

Michael Buchberger, T.Kaltofen, S.Priglinger

Does Botulinum Toxin have a Role in the Treatment of Secondary Strabismus?

Emma Dawson, A.Sainani, J.Lee

Two-Muscle Horizontal Rectus Muscle Surgery with Simultaneous Botulinum Toxin

Injections in the Treatment of Large-Angle Esotropia

Arif Khan

Fibrin Glue for Closing Conjunctival Wounds in Strabismus Surgery

Thomas Krzizok

Peribulbar versus Sub-Tenonal Anesthesia in Strabismis Surgery

Lena Lindberg

Evaluation of Patient Information for Adjustable Suture Strabismus Surgery

Bernadette McCarry

Surgical Treatment in Patients with Asthenopia due to Exophoria

Birgitta Neikter, Brigitte Eriksson-Derouet, Gunnar Lennerstrand

Multiple Surgeries for Thyroid Strabismus: The Nature of the Problem

Luis H. Ospina, C.J.Lyons, A.Quan, D.Oystreck, J.Rootman

The Effect of Strabismus Surgery in Relation to the Preoperative Angle of Strabismus

J.R. Polling, S. Schutte, S.P.W. van den Bedem, H.J. Simonsz

Unilateral Four-Muscle Surgery for Exotropia: Further Experience

Edward L. Raab

Use of Botulinum Toxin in Pre-Adolescent Children

Fiona Rowe, Carmel Noonan, Harish Nayak

Botox, Post Operative Diplopia Prediction

Robyn Wallace, B.Haynes

A Review of Two Surgical Procedures for Eso-Hypotropia Associated with High Myopia

Hilary Webb, J.P.Lee

Childhood Blindness: A Global Overview

Marilyn Miller

The Role of the Orthoptist in Eye Health Care Delivery in Developing Countries

Katherine Fray

Childhood Cataracts: Epidemiology and Genetic Considerations

Darren Oystreck

Pedeatric Cataracts: State of the Art; State in Developing Countries

Stephen Christiansen

Congenital Glaucoma: Epidemiology and Genetic Aspects in Saudi Arabia and Other Parts of

the World

Marianne Mottier

Childhood Glaucoma: State of the Art; State in Developing Countries

Edward Raab

Retinoblastoma: Epidemiology and Genetic Considerations

Bruce Furr

Retinoblastoma: State of the Art; State in Developing Countries

A. Linn Murphree

ORBIS Cyber Sight Telemedicine

Eugene Helveston

ISA Symposium - Update on Chemical (or Pharmacological) Treatment for Strabismus

New Injectable Agents for Management of Strabismus

Stephen Christiansen

Current Usage of Botulinum Toxin A

John Lee

Chemodenervation, How It Works and How Its Use Has Developed to the Present Day. Value of Other Botulinum Toxins for Strabismus

Alan Scott

Critical Appraisal of the Evidence in Favour (or not...!) of Vision Screening in Children Prof G Robert LaRoche (Canada) Dr G Gole (Australia), Dr Sean Donohue (USA), Dr Michael Clark (UK), Dr Harry De Koning (The Netherlands)

2008 Transactions 11^{th} International Orthoptic Congress. Antwerp, Belgium

The Influence of the Vergence System on Strabismus Diagnosis and Management ROPER-HALL G	12
What about the Superior Oblique Muscle? VAN WIJNEN -SEGEREN IJ	23
Vision screening in Pennsylvania Dutch Country, how accurate is the PlusOptix? SILBER T DI, MATTA N S, SINGMAN EL	26
Treatment of functional amblyopia: less and shorter use of occlusion under Gracis Biprism control PAR IS V	30
Factors affecting development of motor skills in EL BW children O'CONNOR AR, BIRCH E, SPENCER	34
Visual functions in children with hydrocephalus STRA MRO D, VAN BUITENEN S, BOCKHOLTS D, WITTEBOL -POST D	39
Plasticity of the visual system in cerebral palsy VAN DERL INDEN D, PORO G, WITTEBOL -POST D, VAN IEUWEN HUIZENO	42
Visual and ocular motor function in school-children with spastic hemiplegia JACOBSON L, KITS A, RYDBERG A	46
Children with multiple visual impairments; the role of the orthoptist VERBUNT-BRATTINGA HJM, L IJNDER S, KUNEN HEJ	50
Predictability of strabismus surgery in children with developmental delays and/or psychomotoric disorders compared to normally developed children	54
LANGEN HORSTAEL, VAN R IJN L J, KRIJNEN JSM, BAKEL SAJ, JANSEN SM A novel experimental method for measuring vergence and accommodation responses to the main near visual cues in typical and atypical groups	58
HOR WOOD A M, RIDDEL PM	62
Visual outcome and binocular vision after "bag-in-the-lens" paediatric cataract surgery GODTS D, DE VEUSTER I, GOBIN L, TASSIGNON MJ	62
Visual perceptual consequences of stroke ROWE FJ	66
Dose-effect in patients with intermittent exotropia: a retrospective study BESSELINK YC, MERCKEL CF, LANTAU VK	70
SEE++ - A Software System for Simulating Strabismus Surgeries and Interactive Eye Motility Diagnosis	74
KALTOFEN T, BUCHBERGER M, PRIGLINGER S Strabismus sursoadductorius congenital and acquired IVth nerve palsy – differential diagnosis and treatment options GRIFFITHS B, VERLOHR D	79
Large recessions for nystagmus LADENVALL G	85
Confirmation of the strabismus susceptibility locus, STBMS1 RICE A, NSENGIMANA J, SIMMONS IG, TOOMES C, HOOLE J, WILLOUGHBY C CASSIDY F, WILLIAMS G, GEORGE N, SHERIDAN E, YOUNG T, HUNTER T,	88
BARRETT B, ELLIOT D, BISHOP D, INGLEHEARN C An alternative approach to acquired primary esodeviations with fi xation-linked	90
variability of deviation DIELTIENS M, DE CLIPPELEIR L, VAN LAMMEREN M, BAEKELAND L, JANSSENS H, BEELEN L	
Neuromyotonia of the abducens nerve after pituitary fossa irradiation MAINO AP, HEWITT G, MARSH IB	95
Cannabis abuse and eye muscle palsies VAN WAVEREN M	98
Results in 100 patients with convergence insufficiency in Chili ZUMARAN C	100
Outcomes of non-surgical treatment of Intermittent Exotropia	104

POWELL CJ, BUCK D, CUMBERLAND P, DAVIS H, DAWSON E, JUGNOO R, SLOPER J, STRONG NP, TIFFIN P, CLARKE MP	
Vergence adaptation in intermittent distance exotropia ROWE FJ, STEPHENSON G, NOONAN CP	108
A comparison of variability in standard and modified SITA visual fields in stable	112
glaucoma patients	112
MURRAY C, KNOX PC, FISHER AC, BATTERBURY M, YOUNG J,	
Measurement of Visual Acuity using the Landolt-C-chart and the Tumbling-E chart	116
in 5-8-Year Old Children: A Comparison Study GUTTER M	110
Does ANN have the answer?	120
MITCHELL M, CHANDNA A, CUNNINGHAM I, FISHER T	120
Prosthetic rehabilitation in paediatric ophthalmology:the role of the orthoptist	124
DI QUARTO F	127
Thalidomide - a Cause of Diplopia?	128
WELLS RE	120
Impact of Amblyopia on Eccentric Viewing Training	130
FITZMAURICE K, KOLIC M, VUKICEVIC M	150
What determines the choice of a PRL?	134
COECKELBERGH TC	154
Orthoptic assessment of the bi(n)ocular situation after macular translocation	138
JANSSENS HMJ, VAN LAMMEREN M, BAEKELAND LMA, BEELEN L,	130
DE CLIPPELEIR L, DIELTIENS M	
Video presentation of a new surgical approach for compensatory extra-ocular	142
muscle surgery after macular translocation	172
DE CLIPPELEIR L, DIELTIENS M	
Non-adjustable strabismus surgery for vertical deviations in thyroid-associated	147
orbitopathy	11/
EVENS PA, GODTS DJM	
Complications of botulinum toxin A and their adverse effects	150
ROWE FJ, NOONAN CP	100
Field of Single Binocular Vision, using the Matta Map (modification of the	155
Lancaster Test) in Lancaster Pennsylvania USA	100
MATTA NS, SINGMAN EL, CHRISTOFF A, SILBERT DI	
Evaluation of sensory dominance using binocular rivalry as related to ocular deviations	158
ITO M, NIIDA T, HANDA T, ISHIKAWA H, SHOJI N, SHIMIZU K	100
Comparison of tonic and phasic measures of motor fusion	162
O'CONNOR AR, STEPHENSON G	102
What is the missing link in Horror Fusionis?	166
RIJNEVELD MC, TRIEMSTRA W, DE FABER JTHN	100
Suppression Density Assessment as a Predictor of Intractable Diplopia resulting	170
from Treatment for Strabismic Amblyopia	
PRICE AJ, AULD RJ	
A Prospective Audit of Orthoptic Referrals from Eye Accident and Emergency Service	174
KLEIN G, CLEARY M, WEIR CR	-,.
Adjustable sutures for squint surgery- a patient perspective	178
WHITE JES, KHANDWALA M, KING L, VICKERS S, DOYLE E	
Trifocals with a different prismatic correction in each segment	182
BEELEN L, VAN LAMMEREN M	
Duane Vertical Retraction Syndrome	186
MUSALLAM J, MERIN SC, RISHMAWI H	
Sixth Nerve Paresis Secondary to High Altitude Illness	191
McCARTHY AG, DENSLOW GT	-
The role of an orthoptist involved in international clinical research trials in	194
Australia and at Marsden Eye Specialists	-
GIRIBALDI M	

Cerebral visual impairment due to periventricular leucomalacia – a multidisciplinary	199
team approach	
HREINSDOTTIR J, STRÖMBERG B, PERSSON E, BROSTRÖM A, HOLMSTRÖM	G
A case study of Development Aid by Orthoptist - Health Education Program in	202
School in Belize	
KANEKO S	
Development of a secondary Orthoptic Outreach service in a politically unstable region	206
WESTMAN SM, TAPLEY JV	200
How necessary are Orthoptic Assistants in a developing country?	210
MUSALLAM J, TAPLEY JV	210
·	214
Vision Screening in Flanders – Belgium	214
LA GRANGE N, VAN LAMMEREN M	• • •
Vision screening in Wallonia – Belgium	218
LA GRANGE N, VAN LAMMEREN M	
Computer stereo program applied in amblyopia treatment	223
BOYCHUK IM, SOLOVIEVA LN	
Decompensation of microstrabismus after occlusion therapy	226
RIJPMA KH, OLIE L, POTT JWR	
Benign Paroxysmal Tonic Upgaze of Childhood. Is it indeed benign?	230
VAN DER DOES P, HOMMERSOM CF, DE GRAAF M, WITTEBOL-POST D	
Congenital Unilateral Cataract: A Successful Visual Outcome	232
CLEEVELY S, WELLS RE	232
	226
Focal Dermal Hypoplasia	236
RIJSWIJK MM, KRUIT PJ	•••
Evaluating clinical competence of orthoptic students	238
TAKASAKI H, NAMBA T, YONEDA T, MAEDA F, OKA M	
How Integrated Training in Orthoptics and Optometry is provided by a unified Eye	242
Care Department in the Netherlands	
VAN PETEGEM-HELLEMANS JC	
50 years Dutch Orthoptic Association: the changing role of the orthoptist	244
MERCKEL CF, JELLEMA HM	
The European orthoptists, together since 1988	246
LOULY M, VAN LAMMEREN M	
A Comparative Analysis of Ocular Rotation Measures	250
HANIF S, ROWE FJ, O'CONNOR AR	250
The Value of Assessing Fields Of Uniocular Fixation in Patients with	254
<u> </u>	234
Orbital Trauma	
NRIAPIA VC, KNOWLES EJ	250
Spontaneous Consecutive Exotropia in Childhood	258
SENIOR JD, CHANDNA A, O'CONNER A	
Unusual Cases of Progressive esotropia caused by High Myopia	263
OHBA M, KAWATA H, OHGURO H, FUKUSHI N	
Infantile Congenital Esotropia - A 16 year study in a small population	268
FRANCALANZA M	
Botulinum toxin A (Botox®) for the treatment of spasm of the near	272
reflex/convergence spasm	
DE GRAAF M, VAN HOOFT-HOFMANN J, WITTEBOL-POST D	
Near reflex spasm – review of types and aetiology	274
HOOLE JK, TUFF LC	217
·	278
Convergence excess esotropia, a proposed new classification, the effect of	210
monocular occlusion on the AC/A-ratio	
GARRETTY T	000
Long-term Outcome After Surgical Correction for Superior Oblique Palsy	282
FURR BA, DEL MONTE MA	•
Results of bilateral inferior rectus recession in patients with Graves' orbitopathy;	286
a retrospective study	

JELLEMA HM, EVERHARD-HALM YS	
Occurrence and treatment of post-operative limitation of the inferior rectus muscle	291
STRAVERS SN, DE GRAAF MEL, WITTEBOL-POST D	
Mid-operative force duction test as a guide to titrate the surgery for	294
consecutive exotropia	
VISHWA NATH MR, ANSONS A	
The Use of Botulinum Toxin in Third Nerve Palsy	299
MARSH IB	
The Role of Botulinum Toxin in Paediatric Strabismus: a prospective study	302
ANDERSON S, CHANDNA A, CHEN S	

2012 Transactions 12th International Orthoptic Congress. Toronto, Canada

BURIAN LECTURE	16
KEYNOTE LECTURES	
A Story of Change and Discovery: How and What We Learned From Studying Nystagmus In Infancy and Childhood Hertle, R.	24
Planning Short Term Ocular Alignment To Achieve Long Term Success Isenberg, S.	25
Oral presentations	2.6
Unilateral amblyopia: Optical coherence tomography findings Alotaibi, A., Badriah, A.	26
Incidence of Strabismus and Amblyopia in Preverbal Children Previously Diagnosed with Pseudoesotropia Silbert, D.	27
Radial Deformation Acuity and Amblyopia	28
Betts, M., Artes, P., McMain, K.	
Unusual Presentation of Proptosis with Decreased Vision and Esotropia Pritchard, C., Ellis, G., S.	29
Near Versus Distance Visual Acuity in Amblyopic Eyes Christoff, A., Repka, M., Brett, K., Holmes, J.	30
Supervised Occlusion Therapy	31
MacKenzie, K.A., Adams, G.G.W. Peer Attitudes Towards Children With Amblyopia	32
Moorehead, R., Geogievski, Z., Kolanis, K.	32
Development of a paediatric disease-specific health-related quality of life measure for amblyopia: the Children's Amblyopia Treatment Quality of Life Questionnaire (CAT-QoL)1	33
Carlton, J. Modified Frisby Davis Stereotest (FD2) Showing Spatial Frequency (SF) Filtered	34
Targets Friedry I. Deseri Z. Davis II.	
Frisby, J., Dasani, Z., Davis, H. Comparison of the Innova distance stereoaucity test to the Frisby Davis Distance Stereotest Matte, N., Silbert, D.	35
Matta, N., Silbert, D. Assessing Control of a Deviation	36
Davis, H., Hoole, J. Binocular vision outcomes following surgery for longstanding large angle exotropia	37
Gill, L., Arnoldi, K.	
Effect on Stereoacuity of Extraction of bilateral age-related cataract with Posterior Chamber Intraocular lens implantation.	43
Manoranjan, A., Shrestha, S., Shretha, S.	
Completing a simulated surgical task in different viewing conditions: Does stereopsis	52
matter?	32
Uddin, N., Bloch, E., Gannnon, L., Jain, S. Investigation of Early Onset Horizontal Nystagmus (EOHN): The Role of Visual	53
Electrophysiology Testing	
Westall, C., Panton, C., Cotesta, M., Sutherland, J.E.	~ 4
A Strategy for Elucidating the Cause of Early Onset Horizontal Nystagmus (EOHN): The Role of Genetic Testing	54
Sutherland, J., Day, M. A., Panton, C. M., Westall, C. A., Heon, E. Genetic epidemiology of myopia in a birth cohort study: The Generation R Study	55

Polling, J. R., Gaillard, R., Hofman, A., Jaddoe, V.W., Vingerling, J.R., Klaver, C.C. Role of lifestyle and education in myopia	56
Rose, K., Konstandina, K. Cycloplegic efficacy of cyclopentolate and atropine in pediatric refractions Sachdeva, Manohar, M.	57
Effect Of Extent Of Hypermetropic Correction (Full, Under and Over) on Refractive Eso Yadav, K. K., Suchita, S.	58
Single Vision Lenses: A Comparison of Management of High AC/A Esotropia and Refractive Esotropia	63
Gerling, A., Arnoldi, K. Ocular neuromyotonia: Differential diagnosis and treatment	69
Roper-Hall,G., Chung, S.H., Oscar, A.C. Use of the —upright-supine test to differentiate skew deviation from other causes of vertical strabismus	73
Colpa, L., Wong, A. F., Chandrakumar, M.	
Inflammatory Acquired Brown Syndrome	79
Dawson, E., Bunting, H., Adams, G., Lee, J. Myasthenia Gravis masquerading as ocular injury – or vice versa? Eckersley, D., North, L., Govan, J.	80
Ocular Myasthenia Gravis - The Great Mimicker?	81
Hira, P., Kelly, J. A Fresh Look at the Cogan Lid Twitch	91
Matta, N., Silbert, D., Singman, E.	71
Saccadic Training Improves Orientation in Hemianopia Verlohr, D., Reckert, I., Roth, T., Sokolov, A. N., Messias, A., Roth, P., Weller, M.,	92
Trauzettel-Klosinski, S. Symptoms of stroke-related visual impairment	93
Rowe, F., VIS group UK	93
Gaining the best information about vision to assist the recovery of a patient with stroke Jolly, N., Macfarlane, A., Heard, R.	100
Flip Chart Visual Acuity Screening Compared to the plusoptiX S09 Photoscreener Performed by a Lay Screener	106
Matta, N. Which amblyopes do we miss and detect with non-cycloplegic refraction screening?	107
Ehrt, O., Joost, A., Kirchoff, S., Martorana, J., Strauss, R.	100
A clinical look at the AAPOS pediatric vision screening referral criteria to predict amblyopia Silbert, D.	108
To establish whether orthoptic led school nurse vision screening is as effective in	109
detecting visual defects as orthoptic primary screening Rice, P., Shah, S.	
Vision Screening and Primary Eyes Health Care Program in elementary Schools Kongsangchai, S., Toadee, N., Choperm, S.	110
Understanding vision impairment in Australian children	111
Silviera, S	
Redesign of the Kay Pictures Visual Acuity Test for Children O'Connor, A., Kay, H., Thomson, D., Newsham, D., Birch, E.	112
Ophthalmic Outcomes for Children with Unilateral Coronal Synostosis: A Comparison of Two Distinctive Craniofacial Repairs	113
Whitecross, S., MacKinnon, S., Gregas, M., Dagi, L.	
The Ophthalmic Consequences of Coronal Synostotic Plagiocephaly	114
Guinard, A., Hanna, N., Bortoluzzi, P., Ospina, L.	115
How quickly does muscle sequelae develop? White, J.	113
Prevalence of Duane Retraction Syndrome (DRS) of indigenous strabismic patients	116
presenting in Mayo Hospital Lahore, Pakistan	

Sarfraz, A., Hamza, A.	
Orbitofacial Neurofibromatosis Type 1: Expected and unexpected effects on sensory	121
and motor systems	
Oystreck, D., Chaurdy, I., Bosley, T.	100
Rectus Muscle Flap Tear: When to Suspect, How to Treat	122
Raab, E., Ackert, J., Ostrovsky, A.	102
Prevalence and Degree of Lateral Incomitance in Exodeviations	123
Wahl, B.	124
Ocular Manifestations of Autism in Ophthalmology	124
Black, K. The changing use of visual cues in typical infant development	131
The changing use of visual cues in typical infant development Horwood, A., Riddell, P.M.	131
Survey of British and Irish orthoptists in the measurement of the AC/A ratio	132
Murray, C., Nesham, D	132
Rapid Prism Adaptation Test in Intermittent Exotropia	133
Struck, M.	133
Aspects of Suppression in Strabismus	134
Piano, M., Newsham, D.	134
Effect of Amblyopia Treatment On Suppression Study (EATOSS)	135
Newsham, D., O'Connor, A.	100
Bagolini glasses: do they affect the prism fusion amplitude?	136
Burggraf, F., Schultinaga, L., Polling, J. R., Gutter, M.	100
Povidone-iodine (PI) Antisepsis for Strabismus Surgery Study	142
Simonsz, H. J., Swart-van den Berg, M., Tjon Fo Sang, M.J. H., van Rijin, L. J., Prick,	
L.J.J.M., ten Tusscher, M.P.M., Mino de Kaspar, H.	
Using adjustable sutures in adult strabismus surgery to achieve target angles	143
Schofield, J.,	- 10
The effect of horizontal rectus muscle surgery on dvistance-near incomitance	144
Fray, K., Greogorian, A.P., Deacon, B., Lowery, R.S., Brown, S., Slape, L., Phillips, P.	
Surgical Management of Unilateral Superior Oblique Palsy	145
Wang, Q., Blais, C., Flanders, M.	
Measuring success in paediatric strabismus surgery by increased incidence of binocular	146
vision in one surgical procedure	
McNamara, R.	
Idiopathic early onset nystagmus surgery: noteworthy aspects	147
Van Lammerenm, M., De Clippeleir, L., Dieltiens, M., Janssens, H., Baekeland, L.,	
Beelen, L., Goovaerts, L.	
Poster presentations	
	148
Bentley Wennhall, E., Jansson, L.	
Parkinson disease and convergence insufficiency	149
Chidiac, M., Millaire, F.M.	
V-Pattern Esotropia Masquerading as High AC/A Ratio Esotropia	150
Christoff, A	
Spielman occluder and digital photography in examination of intermittent exotropia	151
Collett, H., Madhav, V., Vempali, R.	
Persistent binocular diplopia in childhood following successful treatment for	152
accommodative esotropia	
Devould, C., Skilbeck, L., Kerr, N.C., Hoehn, M.E.	
Comitant Esotropia in Myopia: A Possible Pathogenesis	153
Fresina, M., Mottes, M., Campos, E.C.	
Using Motion Perception in the Treatment of Amblyopia	154
Giaschi, D., Narasimhan, S.	
Association between fixation preference and strabismic amblyopia	155
Nisar A Sarfraz A Hamza A	

Visual functions in school-age children with a history of prematurity	156
Hong, B., Robitaille, J.M., Vincer, M., Walsh, L., Artes, P.H.	
The Clinical Near Gradient Strimulus AC/A ratio correlates better with the response	157
CA/C ratio than with the response AC/A ratio	
Horwood, A.M., Riddell, P.M.	
Near cue use profiles in esotropia	164
Horwood, A., Riddell, P.	
Retrospective review of occlusion treatment for intermittent exotropia	165
Hughes, L., Arblaster, E.	
Analysis of Binocular Vision Quality in Patients With Aphakic Intraocular Lens	166
Ismagilova, S., Somma, K., Levin, M., Molder, H.	
Unusual presentation of proptosis with decreased vision and esotropia	167
Jenkins, P.	
Quality of Life in Stimulus Deprivation Amblyopia	168
Rose, M., Georgievski, Z., Koklanis, K (Connie)	
The assessment of visual functions in individuals with severe motor and intellectual	169
disabilities and the rold of orthoptists in their intervention	
Komachi, Y., Niida, T., Suzuki, K., Yamada, T., Shinomiya, Y., Onda, D.H.S.,	
Shimoizumi, H.	
Effect of dual-task on postural control in dyslexic children	170
Legrand, A., Bui-Quoc, E., Dore-Mazars, K., Lemoine, C., Gerard, C., Bucci, M.P.	
Visual Outcome of Children With Anisometropia Referred From a School Screening	171
Programme: Does Anisometropic Amblyopia Exist in Isolation?	
Lysons, D., Tapley, J.	
Psychological Status of Adults with Strabismus Seeking Surgery	172
MacKenzie, K., Au, C., James, H., Hancox, J., Ezra, D., Adams, G.G.W., Newman, S.	
Accuracy of self-reported strabismus	173
MacKinnon, S.	
Do preverbal children who present with NLDO and are found to have amblyopia risk	174
factors go on to develop clinical Ambloypia?	
Matta, N.	
Value of contrast sensitivity and near vision in evaluating radiographic images	175
Mehta, J., Newsham, D. 176	
Is Higher Hyperopia More Commonly Found in the Duane's Eye?	176
Merrill, K.S., Hogue, K.M.	
Extreme Hypermetropic Anisometropia Approach and Results	177
Modlingerova, E., Konvickova, M.	
Divergent Fusional Amplitudes and Acute Comitant Esotropia: A Risk Factor?	178
Mottes, M., Fresina, M., Campos, E.C.	
Convergence Insufficiency: a population-based study of Hutterite colonies	179
Mottier, M	
Interocular effect during visual acuity measurement with and without amblyopia	180
Parkinson, J., Sandusky, H., Tremblay, F.	
A prospective study to determine current practice in relation to occlusion dose and level	189
of amblyopia at the Manchester Royal Eye Hospital	
Parmar, K., Semeraz, R.	
Use of Atropine Penalisation to Treat Amblyopia in Clinical Practice	190
Piano, M., Newsham, D.	
Hypoaccommodative Eye-Movements	191
Resch, R	
Comparison of the binocular stereoacuity mesured by the TNO stereotest vs the Frisby	192
Stereotest Near FSN in healthy adult subjects	
Rousseau, B., Crepy, P., Tesson, J., Veyssiere, L., Angot, M.	
Is it reasonnable to treat a strabismus with Amblyopia?	193
Sebag, V., Kostas, A., Goberville, M.	
Is 30 minutes of occlusion beneficial in amblyopia treatment?	194

Semeraz, R., Parmar, K.	
Saccadic reaction times in alternating cover	202
Shinomiya, Y., Yamada, T., Suzuki, K., Komachi, Y., Niida, T.	
Deficits in Eye-Hand Co-ordination in Children With Strabismus and Amblyopia	206
Change with Age	
Sloper, J., Suttle, C., Conway, M., Melmoth, D., Grant, S.	
Quality of Referrals in a Pediatric Ophthalmology Practice	207
Makar, I., Kerrin, M., Smith, K.	
When Visual Performance is Worse Using Two Eyes Together: Characterization of	214
binocular Inhibition	
Smith, K., Parkinson, J., Tremblay, F.	
Population-based screening for amblyogenic factors in young children using an	215
automated infrared refractometer	
Van Kersohaver, E.	
Incomitant strabismus	216
Wise, S.	-
Comparative study of vision improvement by various amblyopia therapies	217
Yadav, K.K., Suchita, S.	217
Long term visual oucomes in laser treated threshold retinopathy of prematurity	218
Alotaibi, A., Aldrees, S.	210
A booklet for getting used to glasses for mentally restricted people	219
Asjes - Tydeman, W., Marskamp – Van Aperlo, M., Appeldoorn – Witte, M.,	217
Vingerling, J.	
EHR Implementation in an Academic Pediatric Ophthalmology Practice	220
Beaudet, K., Read-Brown, S., Tu, D., Yackel, T., Chiang, M.F.	220
	221
Learning Effect of Flicker Defined Form Perimetry in ocular hypertensive patients	221
Berardo, F., Francesco, O., Tanga, L., Ferrazza, M., Centofanti, M.	222
Preliminary Study on the Eventual Correlation Bewtween Defects and Cervical	222
Symptoms in VDT Workers Pattern S. Tagette F. Massa M. Marani M. Patri A. Casta C.	
Bettega, S., Tosatto, E., Mosca, M., Meroni, M., Petri, A., Costa, G.	220
The paediatric vision screening program performed in Bolzano in 2010: significance of	229
the orthoptic re-examination	
Bottin, D., Waldhauser, K., Bertelli, E.	226
Assessment of the visual acuity in patients with dementia using Teller Acuity Cards	236
Froiman, P.C., Dantas, P.E.C.	0.42
A new method for testing letter contrast sensitivity in a clinical setting: Comparing	243
M&S smart system II letter contrast test with Pelli-Robson chart	
Colpa, L., Chandrakumar, M., Reginald, Y.A., Cotesta, M., Panton, C., Westall, C.,	
Wong, A.	244
Clinical and Electrophysiological Findings in Stargardt Macular Dystrophy (STGD)	244
Cotesta, M., Panton, V.A., Westall, T.P.	
Longitudinal refractive changes in albinism	245
De Melo, A	
Central and Peripheral Visual Fields in Patients with Migraine	246
Eshtayah, H., Artes, P.H., Purdy, A., Maxner, C.E.	
Repeatibility of Flicker Defined Form Perimetry in ocular hypertensive patients	247
Ferrazza, M, Francesco, O., Lucia, T., Francesca, B., Marco, C.	
Strabismus Findings in Rubinstein-Taybi Syndrome	248
Hahn-Parrott, L., West, C.E., Burke, M.J.	
Comparison of manifest angle of deviation of Krimsky test using accommodative target	249
and alternate prism cover test	
Rasool, M., Sarfraz, A., Ali, H.	
Five-year follow-up of ocular deviation in bilaterally pseudophakic patients	250
Hoshikawa, R, Ito, M., Shimizu, K., Ishikawa, H., Amano, R.	
Development of M2 melanopsin ganglion cells in the mouse retina Retinal ganglion	260
cells (RGCs) undergo continued maturation after birth	

Husain, S., de Sevilla Muller, L.P., Baldridge, W.H. Binocular interaction for effective lens exchange: an electrophysiological study	261
Ito, M., Niida, T., Shimizu, K., Ishikawa, H.	201
Anisometropia with myopia: The big eye problem	262
Jenkinson, E., MacKenzie, K., Adams, G.G.W.	202
The investigation of meridional accommodative disorders in children with with-the-rule	263
astigmatism and their treatment	
Kuzhda, I., Serdyuchenko, V., Pityk, O., Kaminskiy, Y. The Ocular Component Values Associated with the Degree of Anisometropia	264
Lee, Y., Kim, S., Cho, S.Y., Yang, J.W., Kim, C.S.	265
Comparing the SureSight autorefractor and the plusoptiX photoscreener for pediatric vision screening	265
Matta, N	
Determining the accommodative effects of Atropine on the visual system Matta, N	266
Comparison of SureSight autorefractor and plusoptiX photoscreener for vision screening in rural Honduras Matta, N	267
Evaluation of plusoptiX photoscreening on autistic children	268
Singman, E.L., Matta, N., Farward, A., Silbert, D.I.	200
Can a photoscreener help us remotely evaluate and manage amblyopia?	272
Matta, N., Silbert, D.I.	212
The percentage of patients with highly myopic strabismus among Japanese outpatients	273
with high myopia	273
Nakao, Y., Kimura, T.	
Investigating how the iSight app visual acuity measures compare with the current	274
clinical tests used to measure acuity in adults and children	
Northway, N., Panesar, G., McCulloch, D.	
Ocular Motor Score in children: A possible tool for identification and follow- up of	275
neuropaediatric disorders?	
Olsson, M., Fahnehjelm, K.T., Rydberg, A., Ygge, J.	
A retrospective analysis of sight impaired/severely sight impaired registrations for	276
children across West Berkshire over the past ten years	
Orme, S., Sandford, V	
Eccentric Fixation in Congenital Sixth Nerve Palsy	277
Schwiebert, K., Singh, V., Moore, W., Nischal, K.K.	
Comparing the Patti Pics to the Lea Symbols	278
Silbert, D	
Comparing the plusoptiX S04 to the plusoptiX S09	279
Singman, E.L., Matta, N.S., Tian, J., Brubaker, A., Silbert, D	202
A comparison of referral criteria used by the plusoptiX photoscreener	283
Matta, N.S., Silbert, D.I., Singman, E.L., Tian, J.	201
Association between Accommodative Insufficiency and Amblyopia	291
Signman, E.L., Matta, N.S., Tian, J., Silbert, D	206
Utilizing automated objective accommodative measurements as a new method of pediatric vision screening	296
Silbert, D, Matta, N.	
Comparison of visual acuity and contrast sensitivity in normal young subjects	297
Suzuki, K	<i>291</i>
Evaluation of a computerised visual acuity and stereo-acuity test (VacMan) compared	298
with gold standard Orthoptic examination	270
Tailor, V., Greenwood, J.	
A Review of the Clinical Management of Patients from East Jerusalem, the West Bank	299
and Gaza who Presented to the Orthoptic Department of St John Eye Hospital, Jerusalem	
with Third (III), Fourth(IV) and Sixth(VI) Cranial Nerve Palsies	
Tapley, J., Musallam, J., Sayej, R., Jawwad, Y.A.	

Telemedicine Screening for Retinopathy of Prematurity: novel use of a live connection Tehrani, N	300
Electronegative ERG in Mucopolysaccharidosis Type 1	301
Vincent, A., Panton, C.M., Ali, A.	301
Study of Refractive Status in Strabismus	302
Yadav, K, Suchita, S.	302
Penetrating orbital trauma presenting with horizontal diplopia – differential diagnosis	303
and treatment	303
Denslow, G., Alexander, M.L., McCarthy, A.	
What about the presentation and the outcome of horizontal misalignment in superior	307
oblique palsy?	307
Baelemans, K., Demet, Y.	
Outcomes including binocularity following surgical correction of the non-	308
accommodative component in accommodative esotropia	300
Barto, H., Myung, G., Mets, M.B.	
Superior rectus limiting downgaze?	309
Beaudet, K., Stout, A.	307
Treatment of Exophoria- Have base in prisms taken the place of orthoptic treatment?	310
Bentley Wennhall, E., Jansson, L.	310
Bilateral Ophthalmoplegia in Children Bilateral ophthalmoplegia is rare in children	311
Biernacki, R., Donahue, S.P.	311
Esotropia caused by improvised explosive device	315
Brouwer, M., de Jongh, E., de Faber, J.T.H.N., Tjon-Fo-Sang, M.	313
A case of a child whose behaviour and wellbeing was affected with the onset of acute	316
acquired comitant esotropia (AACE)	310
Collett, H., Madhav, V., Vempali, R.	
A diagrammatic representation to help the examiner of ocular motility to recall the	317
actions of extra ocular muscles in different positions of gaze	317
Collett, H., McKinley, P.	
A case series of Surgery for Superior Oblique Palsy Superior Oblique	318
Coyle, G.	316
Use of corticosteroid nasal spray with Ocular Myasthenia Gravis; a case report	319
Van der Does, P., Van der Valk, R.	319
An Evaluation of vision rehabilitation training with vision impaired children	320
Fitzmaurice, K., Fadzil, N.B.M., Malesic, L.	320
Fresnel Prism Use Among Orthoptists Aim: Understand current uses of Fresnel Prisms	321
• •	321
Haller, T., Furr, B.A.	222
Isolated Superior Rectus Infarction	322
Harn, M., Struck, M.C.	222
Diplopia with Anomalous Retinal Correspondence Following Amblyopia Treatment in	323
a Child	
Harn, M., Bradfield, Y.	224
Is acute acquired comitant esotropia a possible sign of serious neurological disease?	324
Holst, I., Hesgaard, H.B., Vinding, T.	225
Fresnel membrane prisms in the treatment of diplopia caused by ophthalmoplegia	325
Ito, F., Sugasawa, J., Nakamura, K., Hamamura, M., Inaizumi, R., Shimizu, M.,	
Tsutsui, A., Minami, T., Mano, S., Tonari, M., Ikeda, T.	226
The Evolving Orthoptic Role in Australia 1944-2010	326
Jolly, N., French, A.	227
Computer-Based Simulation of the Prism Cover Test	327
Kaltofen, T., Santana Sosa, G., Priglinger, S. Madiel Restus Applicant A Rose Complication of Endonesel Sinus	225
Medial Rectus Avulsion: A Rare Complication of Endonasal Sinus	335
Klein, G., Lok, A.S.L., Kemp, E.G. The Use Of Potulinum Towin In Secondary Society Following Claysome Proinces	226
The Use Of Botulinum Toxin In Secondary Squints Following Glaucoma Drainage	336
Surgery Lafferty C. Abbett I. Adams C.C.W.	
Lafferty, C., Abbott, J., Adams, G.G.W.	

Acquired Incomitant Vertical Strabismus as a Presenting Sign of Ocular Myasthenia	337
Lambert, J., Christiansen, S.P.	
Antipodean Strabismus	342
McKeever, M	
Supporting an emerging workforce: global characteristics of orthoptic education	343
McMain, K	244
Monocular Esotropia: A Case Report of Antipodean Strabismus	344
Miller, A., Jackson, J.L.	345
Ocular fundus histological changes caused by ocular larva migrans and syndrome of ocular histoplasmosis: a case study	343
Pocas, I.M., Antunes, J., Ferreira, H.	
Rheumatic and autoimmune diseases – ophthalmic interactions	351
Pocas, I.M., Ferreira, J.	331
Acquired non-paralytic causes of superior oblique dysfunction	354
Roper-Hall, G., Cruz, O.A., Chung, S.M.	
Simulated learning environments (SLE): orthoptic clinical education in Australia	355
Rose, K, Koklanis, K.	
Gaze dysfunction followign stroke	356
Rowe, F	
Determining the effect of 3 months VT/o on visual acuity(VA), stereopsis and ocular	357
alignment in 3-7 years old children	
Sharifzadeh, L., Daneshvar, F.	250
Can you predict the outcome of Strabismus surgery?	358
Sharma, A., Benjamin, L.	250
Concept for the Integration of the SEE++ Software System in the Education of Orthoptists in Austria	359
Santana-Sosa, G., Kaltofen, T., Priglinger, S., Resch, R.E., Scharinger, C.	
Anisocoria caused by the varicella zoster virus van	367
Gemert, S	207
Adult eso-/exotropia with increasing complaints	368
Van Lammeren, M., de Clippeleir, L., Dieltiens, M., Janssens, H., Baekeland, L.,	
Beelen, L., Goovaerts, L.	
Upgaze gone astray	369
Spieth, B., Van Waveren, M.	
An Unusual Cause of Ptosis and Amblyopia	370
Voller, J	0=4
Incomitant Exotropia and Restricted Elevation with Synergistic Divergence: A Clinical	371
Case Report Whitegrass S. Ladoux D.	
Whitecross, S, Ledoux, D. Rilatoral Abdusant Norva Paley in Corabral Maloria	372
Bilateral Abducent Nerve Palsy in Cerebral Malaria	312
Yadav, K.K., Suchita, S.	