

DR

Rapid B-scanning of the vitreous DAVID MCLEOD, MARIE RESTORI, AND JOHN E. WRIGHT	437
Retinal mobility and retinal detachment surgery A. H. CHIGNELL	446
Fluorescein pupillary flow in aphakics with intact and spontaneous openings of the vitreous face H. ZAUBERMAN, Y. YASSUR, AND U. SACHS	450
The asymmetrical visual evoked potential to pattern reversal in one half field and its significance for the analysis of visual field defects L. D. BLUMHARDT, G. BARRETT, AND A. M. HALLIDAY	454
Pseudoexfoliative disease of the lens: a study in electron microscopy and histochemistry A. J. DARK, B. W. STREETEN, AND C. C. CORNWALL	462
Pseudoexfoliation of the lens in Australian Aborigines H. R. TAYLOR, F. C. HOLLOWES, AND D. MORAN	473
Ocular ultrastructural study in a fetus with type II glycogenosis J. LIBERT, J.-J. MARTIN, C. CEUTERICK, AND P. DANIS	476
Pulsating enophthalmos and choroidal hamartomas: two rare stigmata of neurofibromatosis PETER J. SAVINO, JOEL S. GLASER, AND MALCOLM N. LUXENBERG	483
The Elidice: new instrument for visual acuity self-screening K. ARUNDALE, D. J. FAULKNER, AND R. A. WEALE	489
Band keratopathy with bilateral deafness as a presenting sign of hyperparathyroidism M. PETROHELOS, D. TRICOULIS, AND P. DIAMANTACOS	494
Corticosterone suppression of corneal healing after strabismus surgery ZION BIEDNER, LEONARD ROTHKOFF, LUDWIG FRIEDMAN, AND CELIA GELTMAN	496
Books reviews, Obituary, Notes	498

ISSN CODEN: BJOPAL 61 (7) 437-498 (1977)

ISSN 0007-1161

Contents

No. 1 January 1977

Editorial: Management of non-paralytic strabismus in infants, with special reference to esotropia	1
The problem of screening children for visual defects R. M. INGRAM	4
Refraction as a basis for screening children for squint and amblyopia R. M. INGRAM	8
<i>Entente cordiale</i> in the early treatment of squint R. PIGASSOU	16
Late re-operations for squint CALBERT I. PHILLIPS AND RAGHUNANDAN L. VAID	23
Family distribution of concomitant squint in Greece E. CHIMONIDOU, G. PALIMERIS, J. KOLIOPOULOS, AND P. VELISSAROPOULOS	27
Stereopsis and aniseikonia in unioocular aphakia V. N. HIGHMAN	30
Hydrophilic lenses for 'continuous' wear in aphakia: Fitting at operation D. PIERSE AND H. JONATHAN KERSLEY	34
Hydrophilic lenses for 'continuous' wear in aphakia: Definitive fitting and the problems that occur H. J. KERSLEY, C. KERR, AND D. PIERSE	38
Fluorescein angiography of the hereditary choroidal dystrophies K. G. NOBLE, R. E. CARR, AND I. M. SIEGEL	43
Management of small elevated pigmented choroidal lesions D. H. CHAR AND M. J. HOGAN	54
HLA antigens and antinuclear antibody titres in juvenile chronic iridocyclitis S. OHNO, D. H. CHAR, S. J. KIMURA, AND G. R. O'CONNOR	59
HLA antigens and uveitis S. OHNO, S. J. KIMURA, G. R. O'CONNOR, AND D. H. CHAR	62
Bleb dystrophy of the cornea: Histochemistry and ultrastructure A. J. DARK	65
Orbital cyst due to <i>Histoplasma duboisii</i> R. K. BANSAL, A. V. SUSEELAN, AND H. C. GUGNANI	70
Book reviews	72
Notes	72
Obituary	72

No. 2 February 1977

Editorial: Adenovirus keratoconjunctivitis	73
Epidemic keratoconjunctivitis and chronic papillary conjunctivitis in London due to adenovirus type 19 S. DAROUGAR, M. P. QUINLAN, J. A. GIBSON, B. R. JONES, AND D. A. MCSWIGGAN	76
A case report of fowl plague keratoconjunctivitis H. R. TAYLOR AND A. J. TURNER	86
Management of keratoplasty in the early stages A. URRETS-ZAVALIA	89
Ticarcillin in the treatment of experimental pseudomonas keratitis A. AHMAD, G. SMOLIN, M. OKUMOTO, AND S. OHNO	92
Xeroderma pigmentosum and band-shaped nodular corneal dystrophy J. FREEDMAN	96
Peripheral iridectomy in closed-angle glaucoma—late complications N. FLOMAN, D. BERSON, AND L. LANDAU	101
Mixed glaucoma S. W. HYAMS, C. KEROUB, AND E. POKOTILO	105
The optic disc in glaucoma, II: Correlation of the appearance of the optic disc with the visual field R. A. HITCHINGS AND G. L. SPAETH	107
Microhaemangiomas of the iris with spontaneous hyphaema and acute glaucoma H. D. PERRY, F. J. MALLEN, AND W. SUSSMAN	114
Comparative study of Watson's and Cairn's trabeculectomies in a Black population with open-angle glaucoma R. DAVID, J. FREEDMAN, AND M. H. LUNTZ	117
Implants for draining neovascular glaucoma A. C. B. MOLTENO, M. M. B. VAN ROOYEN, AND R. S. BARTHOLOMEW	120

Contents

Fluorescein angiography in chronic simple and low-tension glaucoma	R. A. HITCHINGS AND G. L. SPAETH	126
A note on stray light in the Tübingen perimeter	R. A. WEALE AND C. WHEELER	133
Cataract in childhood: photographic methods in assessment	N. BROWN	135
Senile disciform macular degeneration in the second eye	Z. GREGOR, A. C. BIRD, AND I. H. CHISHOLM	141
Response of the human eye to laser irradiation of the iris	W. G. UNGER, N. A. P. BROWN, AND J. EDWARDS	148
Incidence and causes of blindness among the under 5 age group in Malawi	D. BENEZRA AND M. C. CHIRAMBO	154
Book reviews, Notes		158-159

No. 3 March 1977

Editorial: The retinal cotton-wool spot		161
Immunopathology of the lens, I: Humoral and cellular immune responses to heterologous lens antigens and their roles in ocular inflammation	A. H. S. RAHI, R. N. MISRA, AND G. MORGAN	164
The role of axoplasmic transport in the pathogenesis of retinal cotton-wool spots	D. MCLEOD, J. MARSHALL, E. M. KOHNER, AND A. C. BIRD	177
Variability in grading diabetic retinopathy from stereo fundus photographs: Comparison of physician and lay readers	R. C. MILTON, J. P. GANLEY, AND R. H. LYNK	192
Primary vitrectomy as a preventive surgical procedure in the treatment of severely injured eyes	J. FAULBORN, A. ATKINSON, AND D. OLIVER	202
Vitrectomy technique in anterior segment surgery	J. J. KANSKI AND M. D. P. CRICK	209
Immunoglobulins in human aqueous humour	D. K. SEN, G. S. SARIN, AND K. SAHA	216
Immunoglobulins in tears in trachoma patients	D. K. SEN, G. S. SARIN, AND K. SAHA	218
Histopathological changes in malignant melanomas of the choroid after cobalt plaque therapy	P. A. MACFAUL AND G. MORGAN	221
Medulloepithelioma (diktyoma) presenting as a perforated, infected eye	M. A. VIRJI	229
Experimental internuclear ophthalmoplegia	R. M. BURDE, R. A. W. LEHMAN, G. ROPER-HALL, J. BROOKS, AND J. L. KELTNER	233
Optic nerve glioma and phaeochromocytoma associated with von Recklinghausen's disease: A case report	H. FLEDELIUS AND P. ELDRUP-JØRGENSEN	240
Operating microscope eyepiece heaters	A. P. W. MAKEPEACE AND J. C. DEAN HART	244
A moving-mirror gonioscope for retinal surgery	D. OWEN	246
Books received, Obituary		248

No. 4 April 1977

Editorial: Infection with contact lens wear		249
Infective keratitis in soft contact lens wearers	R. L. COOPER AND I. J. CONSTABLE	250
Treatment of TRIC infection of the eye with rifampicin or chloramphenicol	S. DAROUGA, M. VISWALINGAM, J. D. TREHARNE, J. R. KINNISON, AND B. R. JONES	255
Intraocular gentamicin as intraoperative prophylaxis in South India eye camps	G. A. PEYMAN, M. LATHEEF SATHAR, AND D. R. MAY	260
<i>Microfilaria malayi</i> in uveitis: Case report	K. ANANDAKANNAN AND C. P. GUPTA	263
Uveal involvement in Marburg virus disease	B. S. KUMING AND N. KOKORIS	265
The association of rubeosis iridis with endothelialisation of the anterior chamber: report of a clinical case with histopathological review of 16 additional cases	S. GARTNER, S. TAFFET, AND A. H. FRIEDMAN	267

Behaviour of the iris vasculature in central retinal vein occlusion: a fluorescein angiographic study of the vascular response of the retina and the iris L. LAATIKAINEN AND R. K. BLACH	272
Preliminary report on effect of retinal panphotocoagulation on rubeosis iridis and neovascular glaucoma L. LAATIKAINEN	278
Immunopathology of the lens, II: humoral and cellular immune responses to homologous lens antigens and their roles in ocular inflammation R. N. MISRA, A. H. S. RAHI, AND G. MORGAN	285
Trabeculotomy in pseudoexfoliation of the lens capsule W. E. GILLIES	297
Episcleral traumatic conjunctival inclusion cyst R. Y. BARISHAK, E. BARUH, AND M. LAZAR	299
Book reviews	302-304
Correspondence	305
Notes	305-306

No. 5 May 1977

Editorial: Current status of intraocular lenses	307
Sixteen months' experience with 140 posterior chamber intraocular lens implants J. L. PEARCE	310
Technique of implantation of extrapupillary iris lens: 8 years of clinical experience M. M. KRASNOV	316
Aphakic macular oedema following prosthetic lens implantation D. EASTY, N. DALLAS, AND R. O'MALLEY	321
Posterior dislocation of an intraocular lens implant and its removal A. M. CHOWDHURY AND J. F. BRAS	327
Pseudophakic pupillary-block glaucoma D. WERNER AND M. KABACK	329
Effect of topical atenolol on intraocular pressure K. WETTRELL AND M. PANDOLFI	334
Reticulin fibres in relation to retinal vessels A. RAHI AND N. ASHTON	339
Comparison of ocular hypotensive effects of acetazolamide and atenolol M. J. MACDONALD, S. M. GORE, P. M. CULLEN, AND C. I. PHILLIPS	345
Atenolol eye drops in glaucoma: a double-masked, controlled study C. I. PHILLIPS, S. M. GORE, M. J. MACDONALD, AND P. M. CULLEN	349
Beta-adrenergic receptor blocking drugs: tear lysozyme and immunological screening for adverse reaction I. A. MACKIE, D. V. SEAL, AND J. M. PESCOD	354
Astigmatism in cataract surgery M. H. LUNTZ AND D. G. LIVINGSTON	360
Book reviews	366-367
Correspondence, Obituary, Notes.. .. .	368

No. 6 June 1977

Editorial: The case against the lens	369
Immunopathology of the lens, III. humoral and cellular immune responses to autologous lens antigens and their roles in ocular inflammation A. H. S. RAHI, R. N. MISRA, AND G. MORGAN	371
Cataracts and avionic radiations M. M. ZARET AND W. Z. SNYDER	380
Dilemma of the swollen optic disc: a fluorescein retinal angiography study N. E. F. CARTLIDGE, R. C. Y. NG, AND P. J. B. TILLEY	385
Neoplasm of mixed mesenchymal and neuroepithelial origin of the optic nerve S. SHUANGSHOTI AND R. PANYATHANYA	390
Vasoformative properties of normal and hypoxic retinal tissue R. D. KISSUN AND A. GARNER	394
Treatment of early diabetic retinopathy with cyclandelate J. G. CUNHA-VAZ, J. REIS FONSECA, AND J. R. B. HAGENOUW	399

Contents

Localisation of macrophage lysosomal enzyme in experimental toxoplasma retinitis M. O. YOSHIZUMI	405
Cryptococcal chorioretinitis: a case report J. S. CHAPMAN-SMITH	411
Presumed choroidal naevi and sensory retinal detachment M. MADISON SLUSHER AND R. G. WEAVER	414
Photoreceptor differentiation in retinoblastomas and its significance in prognosis M. MASHIAH AND Y. R. BARISHAK	417
Comparison of ultrasonic and photographic methods of axial length measurements of the eye R. H. B. GREY, E. S. PERKINS, AND M. RESTORI	423
Prevalence of refractive errors in adults over 40: a survey of 8102 eyes S. W. HYAMS, E. POKOTILO, AND G. SHKURKO	428
Book reviews	433-436
Notes	436

No. 7 July 1977

Rapid B-scanning of the vitreous D. MCLEOD, M. RESTORI, AND J. E. WRIGHT	437
Retinal mobility and retinal detachment surgery A. H. CHIGNELL	446
Fluorescein pupillary flow in aphakics with intact and spontaneous openings of the vitreous face H. ZAUBERMAN, Y. YASSUR, AND U. SACHS	450
The asymmetrical visual evoked potential to pattern reversal in one half field and its significance for the analysis of visual field defects L. D. BLUMHARDT, G. BARRETT, AND A. M. HALLIDAY	454
Pseudoexfoliative disease of the lens: a study in electron microscopy and histochemistry A. J. DARK, B. W. STREETEN, AND C. C. CORNWALL	462
Pseudoexfoliation of the lens in Australian Aborigines H. R. TAYLOR, F. C. HOLLOWES, AND D. MORAN	473
Ocular ultrastructural study in a fetus with type II glycogenosis J. LIBERT, J.-J. MARTIN, C. CEUTERICK, AND P. DANIS	476
Pulsating enophthalmos and choroidal hamartomas: two rare stigmata of neurofibromatosis P. J. SAVINO, J. S. GLASER, AND M. N. LUXENBERG	483
The Elidice: new instrument for visual acuity self-screening K. ARUNDALE, D. J. FAULKNER, AND R. A. WEALE	489
Band keratopathy with bilateral deafness as a presenting sign of hyperparathyroidism M. PETROHELOS, D. TRICOULIS, AND P. DIAMANTACOS	494
Colchicine suppression of corneal healing after strabismus surgery B. ZION BIEDNER, L. ROTHKOFF, L. FRIEDMAN, AND C. GELTMAN	496
Book reviews, Obituary, Notes	498

No. 8 August 1977

Editorial: Treatment with urokinase	499
Urokinase in the management of vitreous haemorrhage J. S. CHAPMAN-SMITH AND G. W. CROCK	500
Effect of phosphonoacetic acid in the treatment of experimental herpes simplex keratitis Y. J. GORDON, M. LAHAV, S. PHOTIOU, AND Y. BECKER	506
Normal response to pilocarpine and phenylephrine R. MAPSTONE	510
Association between acute glaucoma and the weather and sunspot activity J. S. HILLMAN AND J. D. C. TURNER	512
Dilating dangerous pupils R. MAPSTONE	517
Partial angle closure R. MAPSTONE	525
Patient compliance in glaucoma S. BLOCH, A. R. ROSENTHAL, L. FRIEDMAN, AND P. CALDAROLLA	531

Trabeculectomy: long-term follow-up	P. WILSON	535
Tear calcium levels and contact lens wear	A. F. WINDER, M. RUBEN, AND G. A. K. SHERAIDAH		539
Penetrating wound of the orbit: a 31-year follow-up	M. J. FREIWALD	544
Autolok band	J. LAGGARWAL	547
Book reviews		550-551
Notes		551-552

No. 9 September 1977

Editorial: Photocoagulation for diabetic retinopathy		553
Peripheral retinal ablation in the treatment of proliferative diabetic retinopathy: a three-year interim report of a randomised, controlled study using the argon laser	B. L. HERCULES, I. I. GAYED, S. B. LUCAS, AND J. JEACOCK	555
Observations on the retinal pigment epithelium and retinal macrophages in experimental retinal detachment	N. F. JOHNSON AND W. S. FOULDS	564
Structural changes in the outer retinal layers following blunt mechanical non-perforating trauma to the globe: an experimental study	R. BLIGHT AND J. C. DEAN HART	573
Retinal detachment treatment with intravitreal air: an evaluation of 241 cases	H. B. CHAWLA AND J. A. COLEIRO	588
Infection following retinal detachment surgery	J. S. LEAN AND A. H. CHIGNELL	593
Clinical copper metabolism parameters in patients with retinitis pigmentosa and other tapeto-retinal degenerations	N. EHLERS AND N. BÜLOW	595
The association of retinitis pigmentosa with preretinal macular gliosis	R. I. HANSEN, A. H. FRIEDMAN, S. GARNER, AND P. HENKIND	597
A microbiological study of neonatal conjunctivae and conjunctivitis	M. J. PRENTICE, G. R. HUTCHINSON, AND D. TAYLOR-ROBINSON	601
Late ocular manifestations in neonatal herpes simplex infection	A. TARKKANEN AND L. LAATIKAINEN	608
Book reviews		617-618
Notes		618

No. 10 October 1977

Bilateral cataract extraction in one session: report on five years' experience	N. JOSEPH AND R. DAVID	619
Differences and similarities in a series of cases with bilateral intraocular lenses and evaluation of the results	J. BOBERG-ANS	622
Aphakic macular oedema: a two-year follow-up study	R. A. HITCHINGS	628
Review of Binkhorst intraocular lenses	J. F. BRAS	631
Outflow changes in positive provocative tests	R. MAPSTONE	634
Outflow changes in normal eyes after closed-angle glaucoma	R. MAPSTONE	637
Circulating lipoprotein and blood glucose levels in association with low-tension and chronic simple glaucoma	A. F. WINDER	641
The influence of pregnancy on the sensitivity of the cornea	M. MILLODOT	646
Corneal sensation in scleritis and episcleritis	A. J. LYNE	650
The problem of uveitis in Bendel State of Nigeria: experience in Benin City	J. O. AYANRU	655
An introductory report on the use of Bioplast in ophthalmic surgery	A. CZIGÁNY	660
Bee and wasp stings of the eye. Retained intralenticular wasp sting: a case report	M. GILBOA, M. GDAL-ON, AND S. ZONIS	662
Book reviews		665-666
Obituary, Notes		666

Contents

No. 11 November 1977

Editorial: Ocular hypertension	667
Ocular hypertension—a long-term follow-up of treated and untreated patients R. DAVID, D. G. LIVINGSTON, AND M. H. LUNTZ	668
Diathermo-trabeculotomy ab externo: indications and long-term results E. MASELLI, G. GALANTINO, F. PRUNERI, AND M. SIRELLINI	675
External ocular motor palsies in ophthalmic zoster: a review R. J. MARSH, B. DULLEY, AND V. KELLY	677
Structural alterations of extraocular muscle associated with Apert's syndrome S. MARGOLIS, B. R. PACHTER, AND G. M. BREININ	683
Diagnosis and measurement of cyclodeviation D. K. SEN, B. SINGH, AND N. M. SHROFF ..	690
Unusual ocular presentation of acute toxoplasmosis D. WILLERSON, JR., T. M. AABERG, F. REESER, AND T. A. MEREDITH	693
HLA-B27 frequency in Greek patients with acute anterior uveitis J. ZERVAS, G. TSOKOS, G. PAPADAKIS, E. KABOUKLIS, AND D. PAPADOPOULOS	699
Bull's eye maculopathy with early cone degeneration R. H. B. GREY, R. K. BLACH, AND W. M. BARNARD	702
An unusual presentation of Best's disease R. C. FLETCHER, L. M. JAMPOL, AND W. RIMM ..	719
An improved objective slit-lamp fluorophotometer using tungsten-halogen lamp excitation and synchronous detection A. TREVOR-SMITH, D. P. JONES, G. D. STURROCK, AND P. WRIGHT	722
A cannulated probe for torn inferior canaliculus repair P. T. C. DOCHERTY	726
Rapid deterioration of visual fields during bromocriptine-induced pregnancy in a patient with a pituitary adenoma J. T. W. VAN DALEN AND E. L. GREVE	729
Book reviews, Notes	734

No. 12 December 1977

C-scan ultrasonography in orbital diagnosis M. RESTORI AND J. E. WRIGHT	735
Panretinal photocoagulation in central retinal vein occlusion: a randomised controlled clinical study L. LAATIKAINEN, E. M. KOHNER, D. KHOURY, AND R. K. BLACH ..	741
Complicated retinal detachment and its management with pars plana vitrectomy F. U. HUAMONTE, G. A. PEYMAN, AND M. F. GOLDBERG	754
Keratoconus and coexisting atopic disease A. RAHI, P. DAVIES, M. RUBEN, D. LOBASCHER, AND J. MENON	761
Bilateral cataract: extraction in classic haemophilia with retrobulbar anaesthesia and peripheral iridectomy L. ROTHKOFF, B. BIEDNER, AND K. SHOHAM	765
On the relationship between strabismic amblyopia and eccentric fixation R. F. HESS ..	767
Gaze failure, drifting eye movements, and centripetal nystagmus in cerebellar disease J. LEECH, M. GRESTY, K. HESS, AND P. RUDGE	774
Anterior segment surgery early after corneal wound repair E. MAUL AND R. MUGA ..	782
Endothelial cell loss and corneal thickness after intracapsular extraction and iris clip lens implantation: a randomised controlled trial (interim report) H. CHENG, G. D. STURROCK, B. RUBINSTEIN, AND C. J. BULPITT	785
Notes	791
Correspondence	791
Index 1977	792