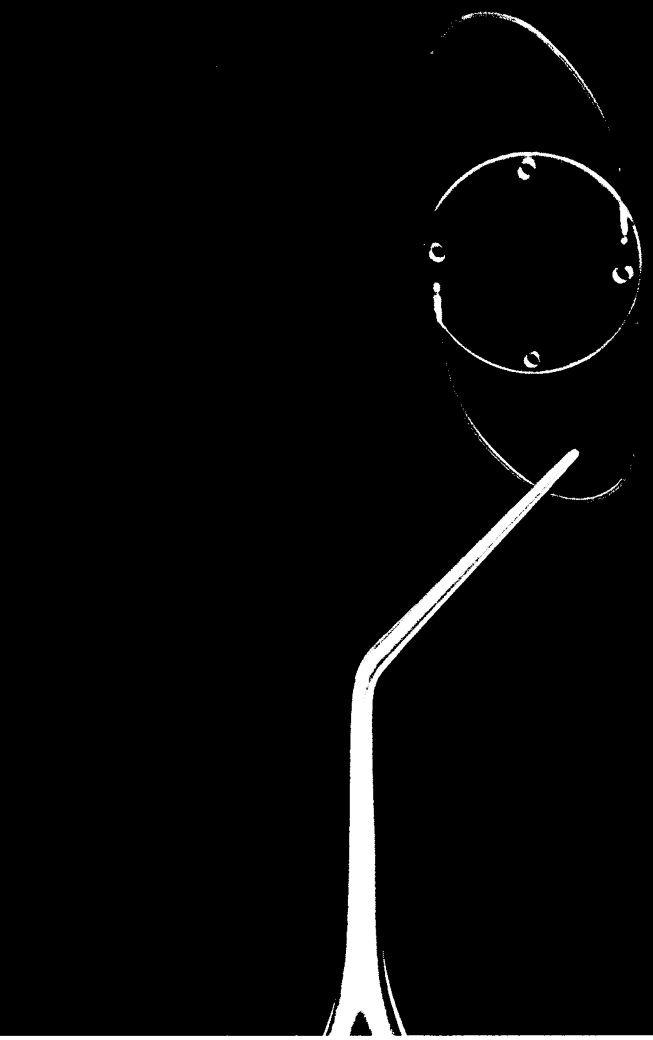
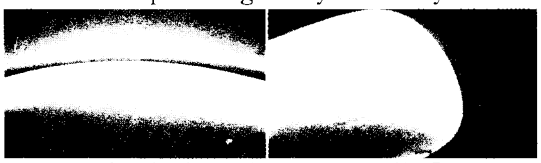
The Modified J-Loop posterior chamber lens from Cilco.



Cilco's SK20/21 lens is lathe cut from Perspex® CQ polymethylmethacrylate, the intraocular lens material providing a 30-year history of evaluation in the eye. All surfaces, even the tips of the Prolene™ loops, are polished to absolute smoothness by proprietary procedures. The scanning electron micrographs shown here demonstrate just how smooth the Cilco lens edge and loop tips are. Please contact your Cilco office for additional information or videotape on implantation.



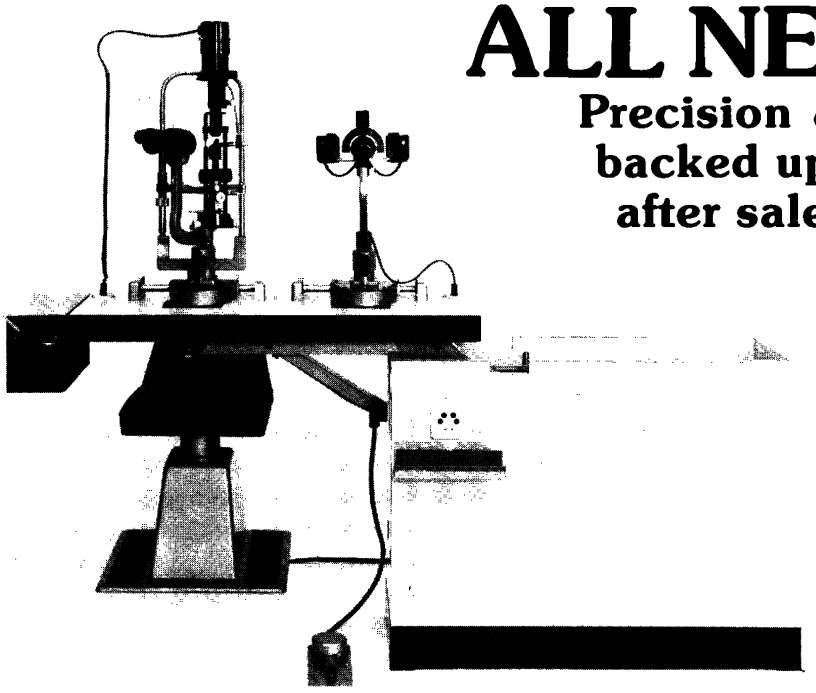
Scanning electron micrographs taken by Alan F. Pooley, Ph.D., Peabody Museum, Yale University.

CILCO®

U.K., Ireland and Scandinavia: CILCO, Inc., 3 Waterdene House, Water Lane, Leighton Buzzard, Bedfordshire LU77AW, England • Telephone: (0525) 381122; U.S.A.: CILCO, Inc. 1616 13th Avenue, Box 1680, Huntington, WV 25717 • Telephone: 304-697-4422; Australia • Canada • Europe, Middle East and Africa • Japan and Korea • Latin America • W. Germany.

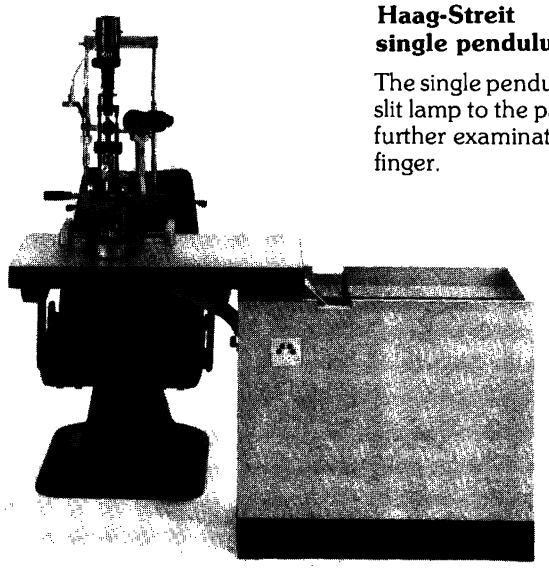
SYSTEMS TO MEET ALL NEEDS

Precision & quality backed up by good after sales service



Haag-Streit
double pendulum table

So beautifully counterbalanced and cushioned is the movement of the double pendulum table that both the slit lamp and ophthalmometer may be presented or removed with finger light adjustment.



Haag-Streit
single pendulum table

The single pendulum table permits instant presentation of the slit lamp to the patient, with immediate freedom of access for further examination when the table is lifted at the touch of a finger.

The headrest and transformer are common to both instruments.

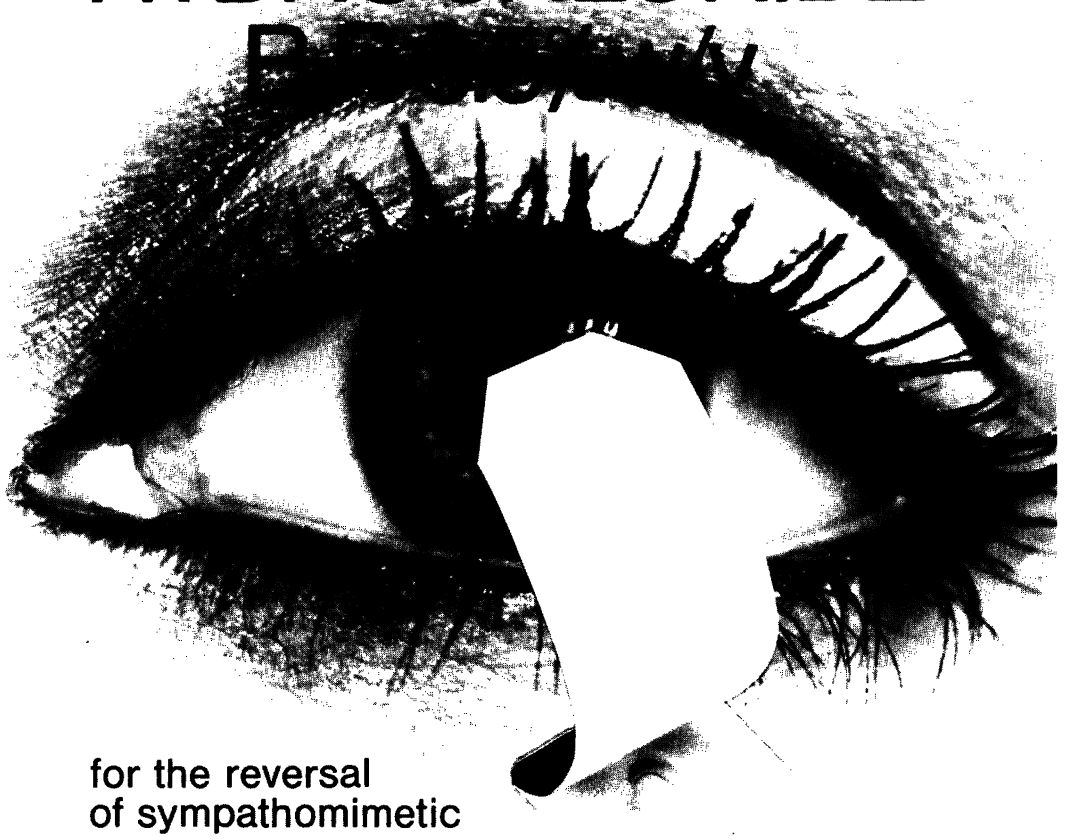
Clement Clarke International Ltd.

15 Wigmore Street,
London W1H 9LA,

Telephone 01-580 8053 Telex 298626

AN ALTERNATIVE MIOTIC
IN THE Minims™ RANGE

THYMOXAMINE HYDROCHLORIDE



for the reversal
of sympathomimetic
mydriasis

THY 0.5

Further information available from
Smith & Nephew Pharmaceuticals Ltd
Bampton Road, Harold Hill
Romford, Essex, RM3 8SL, England
Telephone: 04023 49333
Telex: 898058 SMINEPG

Smith+Nephew

HAMBLIN

DISPENSING

London & Home Counties

LONDON, Central
106 Baker Street, W1M 1LA 01-935 5668
11b Hay Hill, Berkeley Square W1X 7LJ 01-493 0945
Draper House, 17 & 18 Elephant & Castle SE1 01-703 7121
Hamblin House, 1 Langham Place W1N 8HS 01-580 4343 & 3966
47 Notting Hill Gate W11 3JS 01-727 0250
1a Old Bond Street W1X 3TD 01-493 5778/9
19 Royal Exchange Buildings EC3V 3LP 01-626 5000
52 Sloane Square SW1X 8AX 01-730 7900
28 Lower Marsh, Waterloo SE1 7RG 01-928 5343 & 5760
7-9 Wigmore Street W1H 9LA 01-935 3615 & 4730
108 King Street, Hammersmith W6 0QP 01-741 3472
545B High Road, Tottenham N17 6SB 01-808 4855

BARKING, Essex
16 London Road 01-594 1919 & 3700

BASILDON, Essex
1-3 East Walk 0268 20340

BECKENHAM, Kent
64 High Street 01-650 0033

BOREHAM WOOD, Herts
181 Shenley Road 01-953 3120

BOURNEMOUTH, Dorset
107 Old Christchurch Road 0202 22801

BRISTOL, Avon
21a Queens Road 0272 23950

BROMLEY, Kent
1 Broadway Buildings, Elmfield Road 01-460 5511 & 4066

CATFORD, London SE6 4AA
125 Rushey Green 01-697 4717

CROYDON, Surrey
7 Essex House, George Street 01-688 0555

EAST HAM, London E6 2HT
114 High Street North 01-472 3720

EAST SHEEN, London SW14 8AH
210 Upper Richmond Road West 01-876 2462

EDGWARE, Middx
118 Station Road 01-952 3926

EXETER, Devon
5 South Street 0392 77698

GOLDERS GREEN, London NW11 8EL
55 Golders Green Road 01-455 8418 & 4694

HAMPSTEAD, London NW3 6TE
26 Heath Street 01-435 6658

HARLESDEN, London NW10 8SE
31 Craven Park Road 01-965 5455

HARROW, Middx
30 College Road 01-427 4113
250 Imperial Drive, Rayners Lane 01-868 8922

HATFIELD, Herts
7 The Arcade 070 72 62954

HEMEL HEMPSTEAD, Herts
59 High Street 0442 55723

HIGH WYCOMBE, Bucks
37 Crendon Street 0494 27732 & 29543

HOLLOWAY, London N7
6 Seven Sisters Road 01-607 2826

HORLEY, Surrey
16 High Street 029-34 2668

HOUNSLOW, Middx
116 High Street 01-570 9955 & 2138

IPSWICH, Suffolk
6 High Street 0473 56979 & 52607

KINGSTON-ON-THAMES, Surrey
King's Stone House, 14 High Street 01-546 5236 & 01-549 3700

LETCHWORTH, Herts
The Colonnade, Station Place 046-26 4687

MAIDENHEAD, Berks
4 Nicholson's Walk 0628 23088

MARLOW, Bucks
93 High Street 06284 3052

MORDEN, Surrey
35 London Road 01-648 3161

ORPINGTON, Kent
280 High Street 0689 20848

PUTNEY, London SW15 2TX
151 Upper Richmond Road 01-788 4437

REDHILL, Surrey
8 High Street 0737 65600

REIGATE, Surrey
25 Church Street 073 72 43577

RICHMOND, Surrey
7 Lichfield Terrace, Sheen Road 01-940 3515

RUISLIP, Middx
33 High Street 089 56 34234

RUSTINGTON, West Sussex
8 Churchill Parade, The Street 090 62 6330

SALISBURY, Wilts
1 High Street 0722 22005

SLOUGH, Berks
200 High Street 0753 21122 & 33873

STAINES
47 High Street, Middlesex 0784 53113

THORNTON HEATH, Surrey
87a High Street 01-684 1155

WANDSWORTH, London SW18
101 The Mall, Arndale Centre 01-874 2187

WELLING, Kent
35 Bellegrove Road 01-303 8908

WELWYN GARDEN CITY, Herts
36 Church Road 070 73 27130

WEMBLEY, Middx
6 Central Square 01-902 5051

WEST WICKHAM, Kent
115 Station Road 01-777 2211

WIMBLEDON, London SW19
15 The Broadway 01-946 5533

WINDSOR, Berks
44 Thames Street 075 35 65556

WORTHING, West Sussex
Revenue Buildings, Chapel Road 0903 201856
6 Wallace Parade, Goring Road 0903 49177

FOR SERVICE AND RELIABILITY

WIGMORES

OPTICIANS

North & Midlands

BURNLEY, Lancashire
24 Keirby Walk 0282 28490

BURY, Greater Manchester
15 Princess Parade 061-764 4495

CARLISLE, Cumbria
3 Devonshire Street 0228 25240

CHESTERFIELD, Derbyshire
2 Corporation Street 0246 32768

KINGS LYNN, Norfolk
7 New Conduit Street 0553 2210

LANCASTER
8 King Street 0524 32938

LEEDS, West Yorkshire
151 The Headrow 0532 454304 & 0532 457050

LEICESTER
8 Granby Street 0533 20058

MACCLESFIELD, Cheshire
24 Castle Street 0625 24035

MANCHESTER
95/97 Deansgate 061-834 6813

MIDDLESBROUGH, Cleveland
37 Dundas Street 0642 246144

NEWCASTLE-UPON-TYNE, Tyne & Wear
9 St. Mary's Place 0632 323406

SCARBOROUGH, North Yorkshire
46 Huntriss Row 0723 362008

SHEFFIELD, South Yorkshire
100 The Moor 0742 22693

SHIRLEY
170 Stratford Road, Solihull 021 744 2392

SPALDING, Lincolnshire
16 Bridge Street 0775 3479

SUNDERLAND
94 High Street West, Tyne & Wear 0783 674315

WHITEHAVEN, Cumbria
28 King Street, Cumbria 0946 3648

WIGAN, Greater Manchester
6 King Street 0942 43158

WILMSLOW, Cheshire
55 Alderley Road 0625 525858

Scotland

ABERDEEN, Grampian
472/474 Union Street 0224 582724

AIRDRIE, Strathclyde
1 Buchanan Street 023 64 52800

ARBROATH, Tayside
215 High Street 0241 73782

BERWICK UPON TWEED, Northumberland
7 Castlegate 0289-307 275

DUMFRIES
94/96 Friars Vennel 0387 52219

DUNDEE, Tayside
92 Nethergate 0382 26987

DUNFERMLINE, Fife
12/14 Maygate 0383 722480

EDINBURGH
13 Queensferry Street 031-225 6722 & 2117

GALASHIELS, Borders
88 Channel Street 0896 2728

GLASGOW, Strathclyde
133 Wellington Street 041-248 5402

GLENROTHES, Fife
6 Lyon Way, Kingdom Centre 0592 758091

HAMILTON, Strathclyde
33 Regent Way 0698 281704

HAWICK, Borders
25 High Street 0450 72333

INVERNESS, Highland
21/23 Union Street 0463 239658

KIRKCALDY, Fife
83 High Street 0592 261078

LIVINGSTON, West Lothian
65 Almondvale Centre 0506 23557

MUSSELBURGH, Lothian
47 Bridge Street 031-665 3377

PERTH, Tayside
143 South Street 0738 21338

ST. ANDREWS, Fife
7 Bell Street 0334 72437

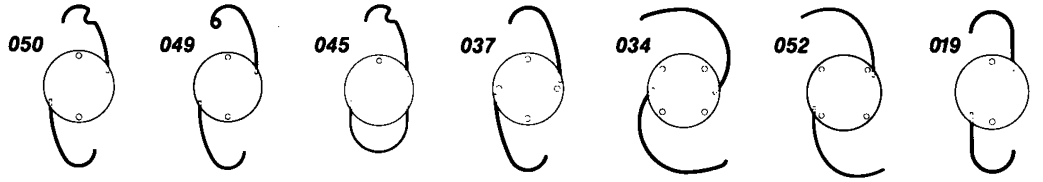
STIRLING, Central
54/56 Barnton Street 0786 2864

1323 COVENTRY ROAD
YARDLEY
BIRMINGHAM B25 8LP
Telephone: 021-706 6133 (20 lines)
Telex: 339435

New confidence.

Intraocular lenses. Ten years ago they were virtually unheard of. Today intraocular lenses are rapidly supplanting the use of spectacles and contact lenses for the correction of aphakia. This dramatic increase is born of new confidence in intraocular lenses. Confidence in their established efficacy, safety and ease of implantation. Confidence in their developers, leaders in the field, Intermedics Intraocular.

Intermedics Intraocular has the largest range of clinically proven posterior chamber lenses available. Each lens is precision lathe cut and meticulously finished to the highest quality standards. Dioptric powers from 8.0 to 28.0 in 0.5D increments satisfy virtually every patient's vision requirement. Your choice of angular or planar Prolene* polypropylene loops provide optimum



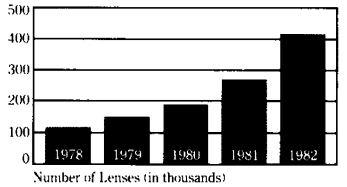
lens support, flexibility and durability.

Intermedics posterior chamber lenses are designed for ease of implantation. Our unique 'top notch' lenses, for example, can be easily placed in the posterior chamber using just one hand. The inferior loop is inserted behind the iris. Then, using a single, easily-maneuverable instrument, the notch is engaged and the superior loop slipped past the pupillary margin. Final positioning of the lens can be accomplished with the same instrument. Such simplicity of instrumentation places fewer demands on the surgeon, and may also mean fewer potential complications for the patient. More reasons why our lenses inspire confidence.

You can have confidence in our resources too. There's a lens style for virtually every surgical application. We have lens insertion technique brochures and an extensive videotape library. We also conduct numerous seminars for surgeons, plus programmed instruction for operating room nurses. And our network of highly qualified professional representatives is at your service, whatever your requirements.

When you have Intermedics behind you, you can feel a new confidence in intraocular lenses — and so can your patients.

Implantation of intraocular lenses in the United States.



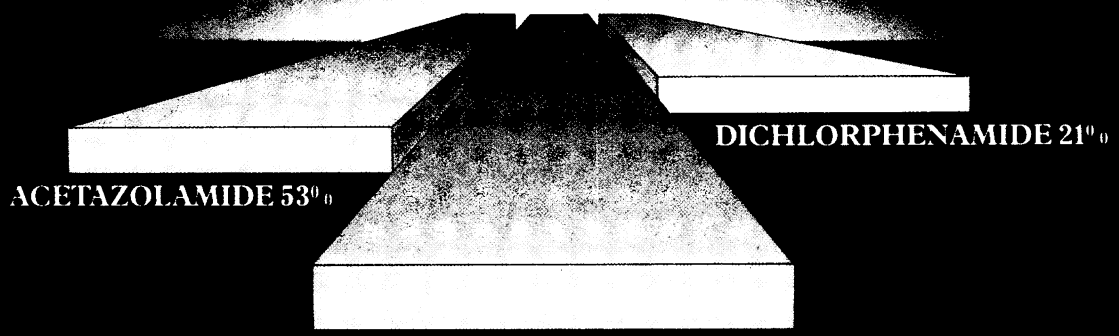
Intermedics Ophthalmics Inc.

Intermedics U.K. Ltd.,
2 Little Ridge, Ridgeway,
Welwyn Garden City,
Herts AL7 2BH, England.
Phone 07-073-27641

"MOST READILY ACCEPTED[1]"

Diamox Sustets – sustained release acetazolamide has a far longer duration of effect in glaucoma than any other treatment. Diamox Sustets provides smooth and predictable control of intra-ocular pressure – with significant reduction in the adverse effects associated with systemic therapies for this condition.[1]

Diamox Sustets, with a simple b.d. dosage is well accepted by patients...



...and physicians, alike.

Eighty-nine percent of the patients tolerated acetazolamide sustained release capsules.[1]

"Acetazolamide sustained release [Diamox Sustets] therapy seems the regimen most readily accepted, involving least amount of subjective intolerance and a prolonged effect most desirable for round-the-clock control".[1]

Diamox Sustets

acetazolamide

THE SYSTEMIC TREATMENT FOR GLAUCOMA

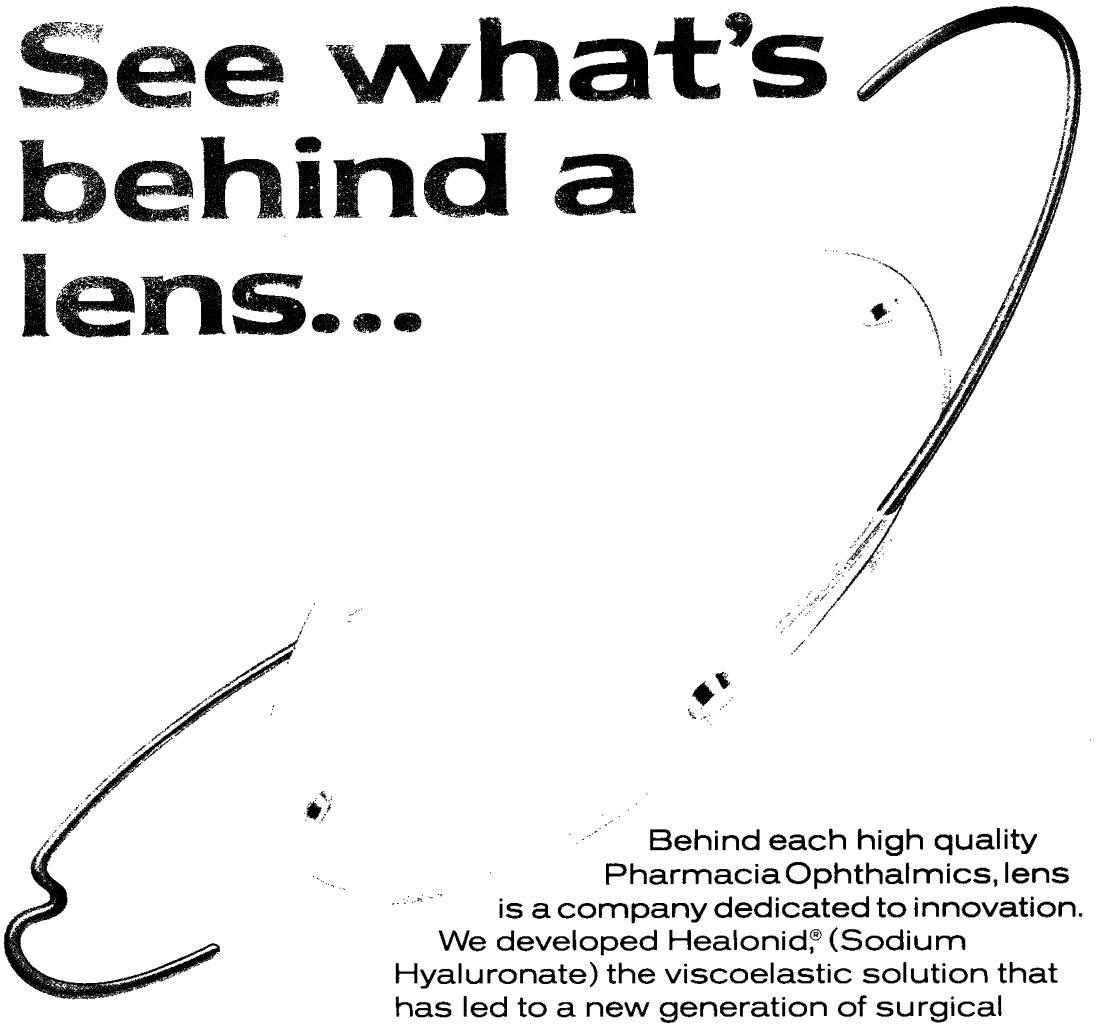
INDICATIONS Glaucoma. **DOSAGE Adults:** One capsule at night and in the morning. **Contra-indications:** Idiopathic renal hyperchloraemic acidosis. Addison's disease or all types of suprarenal gland failure. Long-term administration in patients with chronic congestive angle-closure glaucoma. **Precautions:** The patient should be cautioned to report any unusual skin rash. Periodic blood cell counts are recommended. The transitory loss of hearing calls for immediate cessation of medication. **Side-effects:** Drowsiness, paraesthesia of extremities and face may occur. Diamox is a sulphonamide derivative and therefore some side-effects similar to those caused by sulphonamides have occasionally been reported. **Drug interactions:** Possible potentiation of the effects of folic acid antagonists, hypoglycaemics and oral anticoagulants may occur. **Package quantities:** Transparent orange capsules each containing 500mg. of acetazolamide and printed 'Lederle 4309' in bottles of 30, 100 and 500. **Basic N.H.S.** cost: £27.53 per 100. PL 0095/5074.

*Trademark. **References:** 1. Garner, L.L. et al, Amer. J. Ophthalmol, 1963, 55, (2), 323-327. 2. Lichter, P.R. et al, Amer. J. Ophthalmol, 1978, 85, (4), 495-502.

Lederle

Lederle Laboratories. A division of Cyanamid of Great Britain Limited. Fareham Road, Gosport, Hampshire PO13 0AS. Tel. no. (0329) 236131.

See what's behind a lens...



Behind each high quality Pharmacia Ophthalmics, lens is a company dedicated to innovation.

We developed Healonid,® (Sodium Hyaluronate) the viscoelastic solution that has led to a new generation of surgical techniques – **Viscosurgery.**™

Our commitment to ophthalmology can be further seen in our new **Pharmacia Personal Service**℠ which provides rapid access to the latest news and views on eye surgery and on Viscosurgery in particular.

With videos, books, papers and computer assisted abstracting service at your immediate disposal, the service not only gives you more information more quickly, it also invites you to try out new products; even to participate in research.

If you want to see who's behind innovation, you're looking in the right direction.

For further information please contact:

Pharmacia Ophthalmics

Pharmacia Ltd
Pharmacia House
Midsummer Boulevard
Milton Keynes, MK9 3HP
Telephone (0908) 661101

Healonid® facilitates eye surgery

(sodium hyaluronate)

Healonid – The High Molecular Weight, Viscoelastic, Noninflammatory Preparation of Sodium Hyaluronate

This is the site of action for Healonid – the preparation that revolutionized ophthalmic surgery. Chosen by thousands of surgeons, Healonid facilitates a wide variety of procedures including: extracapsular and intracapsular cataract extraction, primary and secondary intraocular lens implantation and corneal transplantation.

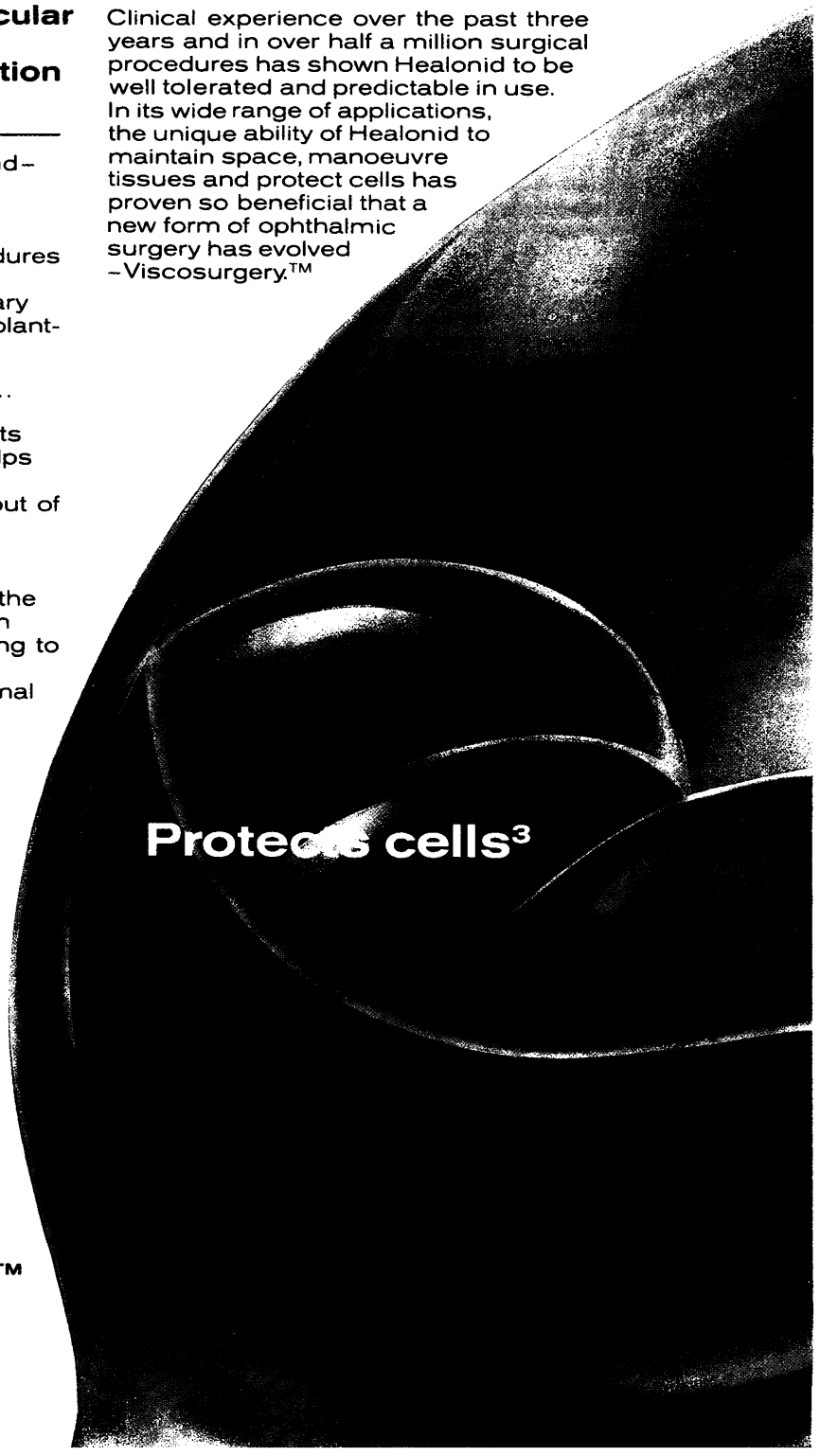
Here are the ways Healonid helps...

1. Maintains space – Due to its unique viscoelasticity. Healonid helps maintain a deep anterior chamber because it does not readily flow out of the open chamber or flood the trabecular meshwork.

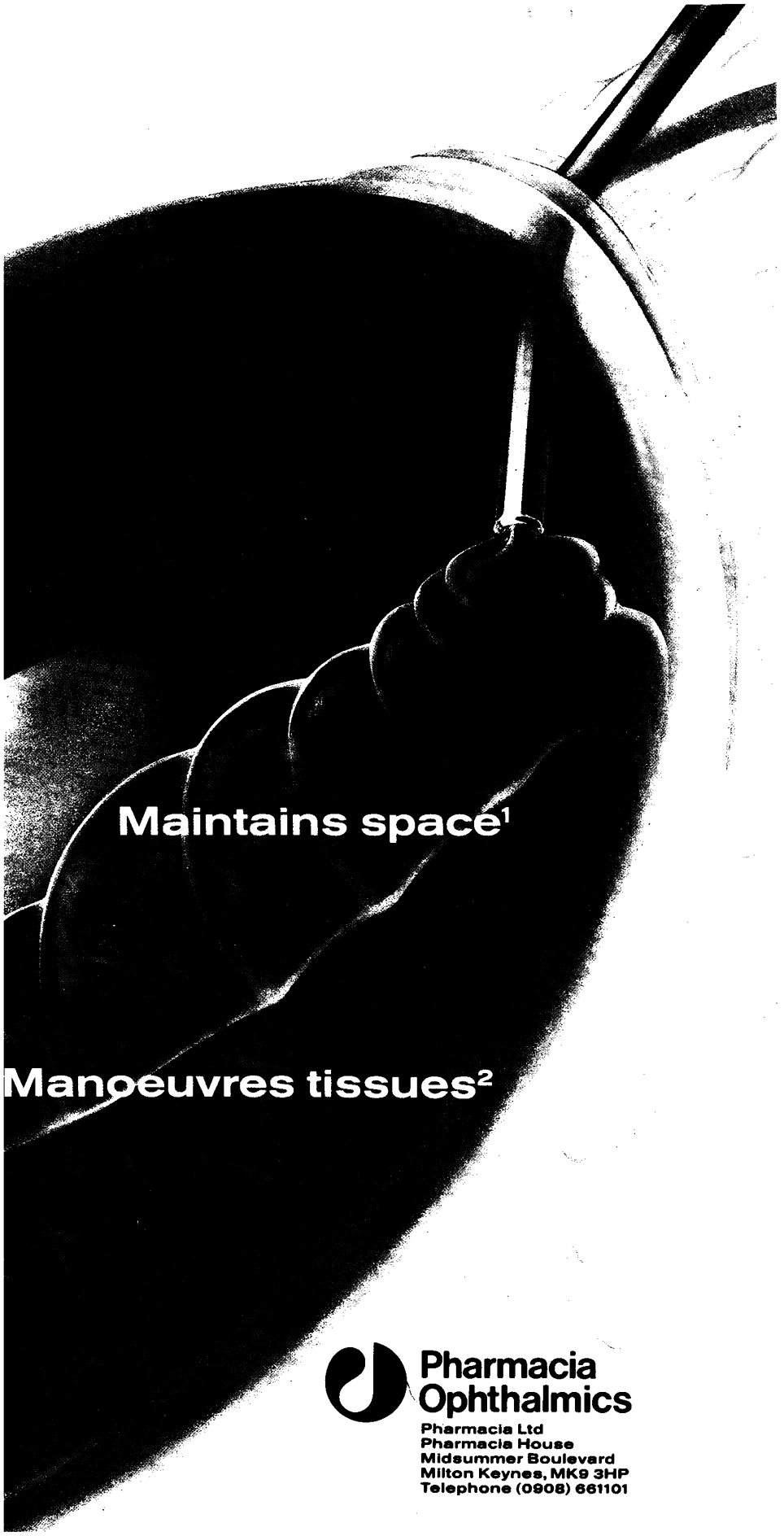
2. Manoeuvres tissues – In the hands of the surgeon, Healonid can function like an instrument – helping to gently manoeuvre tissues into the desired position and restoring normal anatomical configuration.

3. Protects cells – Healonid coats sensitive cell layers and tissues (i.e., iris, corneal endothelium) and absorbs mechanical stress, thereby providing additional protective buffering for delicate tissues.

Clinical experience over the past three years and in over half a million surgical procedures has shown Healonid to be well tolerated and predictable in use. In its wide range of applications, the unique ability of Healonid to maintain space, manoeuvre tissues and protect cells has proven so beneficial that a new form of ophthalmic surgery has evolved – Viscosurgery.™



Healonid® is Viscosurgery.™



Healonid®

PRESCRIBING TABLE

PRESENTATION

Disposable 0.4ml syringes containing 1% Sodium Hyaluronate in aqueous buffer.

USES

Sodium hyaluronate is a visco-elastic polymer normally found in the aqueous and vitreous humour. HEALONID, which contains sodium hyaluronate is a highly viscous clear solution at rest, yet it will readily flow through a fine cannula or needle under pressure. Introduction of HEALONID into the anterior or posterior chamber keeps tissues separated during the operative procedure and protects them from trauma from other tissues or instruments. The anterior chamber depth is maintaned, vitreous bulge can be reduced, and the loss of irreplaceable endothelial cells which inevitably accompanies surgery can be greatly reduced.

INDICATIONS

Surgical procedures on the eye, including intraocular lens insertion, intra and extra capsular lens extraction, glaucoma surgery, corneal graft, surgery for accidental trauma, retinal detachment and vitreal replacement procedures.

DOSAGE AND ADMINISTRATION

The syringe is assembled and made ready for use according to the instruction sheet with each syringe. The indication for use will govern the timing and quantity of HEALONID used. See data sheet for Healonid Monograph.

PRECAUTIONS

The anterior chamber should not be over-filled with HEALONID, except in glaucoma surgery. At close of surgery some of the HEALONID should be removed by irrigation or aspiration. Intraocular pressure should be monitored during the post operative period and any excessive rises treated with appropriate therapy.

CONTRA-INDICATIONS, WARNINGS

There are no known contra-indications to HEALONID. Because the drug is extracted from avian tissues, despite rigorous purification procedures minute amounts of protein are present, and thus the remote possibility of idiosyncratic reactions remains.

ADVERSE REACTIONS

The drug is very well tolerated and the only untoward effect reported has been a transient rise in intraocular pressure in a few cases.

PHARMACEUTICAL PRECAUTIONS

Store at 2-8°C protected from light and freezing. Shelf life 3 years.

LEGAL CATEGORY POM.

PACKAGING QUANTITIES AND BASIC N.H.S. PRICE (6th April 1984) Disposable syringes containing 0.4ml £29.44 each.

FURTHER INFORMATION

HEALONID does not interfere with healing process. Its use may reduce incidence of synechiae and adhesions. Evidence from animal experiments indicates that HEALONID is no longer present in the anterior chamber six days after introduction.

PRODUCT LICENCE NUMBER 0009/0045

SUPPLIED BY

Pharmacia Limited
Pharmacia Ophthalmics,
Pharmacia House
Midsummer Boulevard,
Milton Keynes.
MK9 3HP
Telephone: (0908) 661101
Further information is available on request to the company.

Pharmacia Ophthalmics

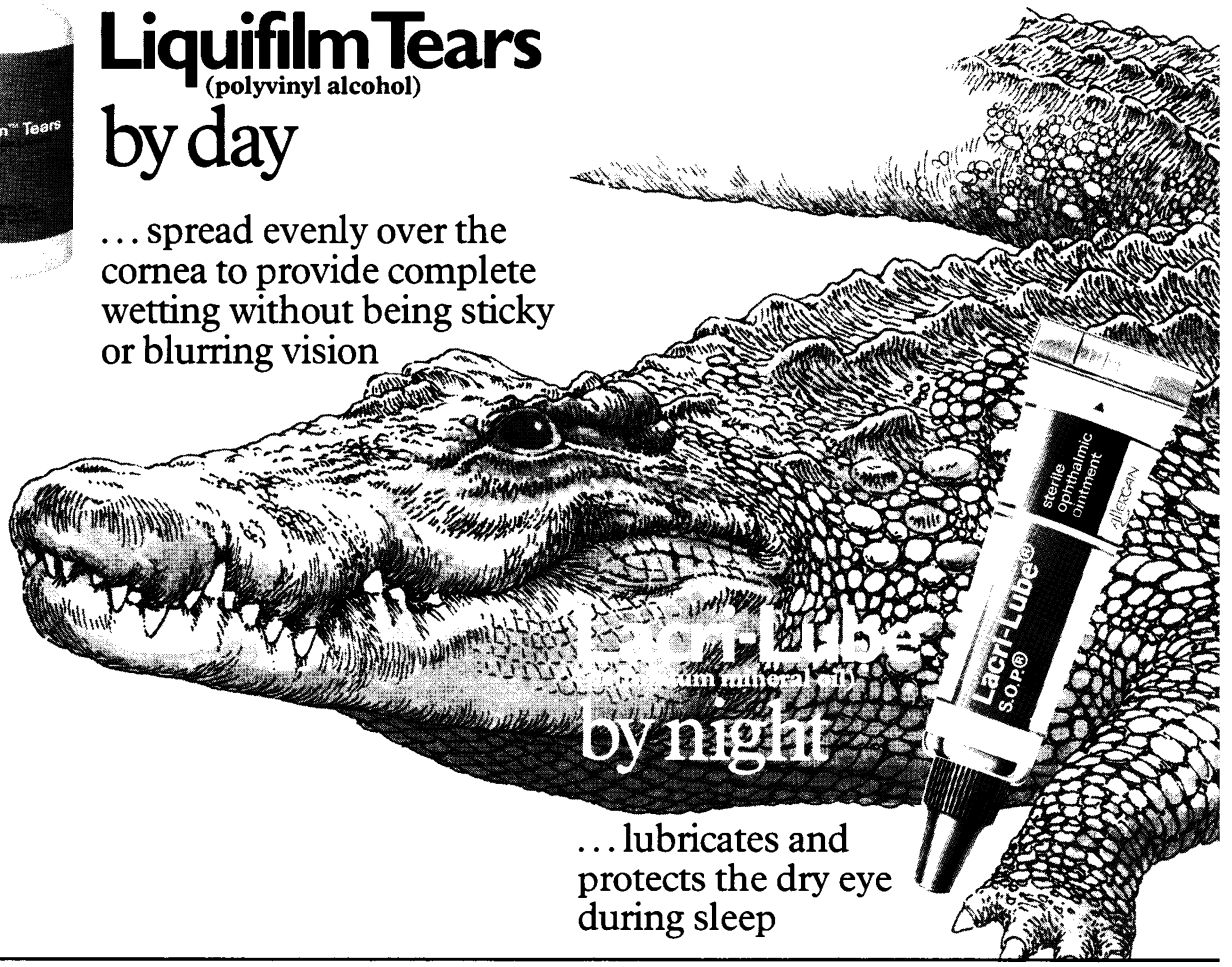
Pharmacia Ltd
Pharmacia House
Midsummer Boulevard
Milton Keynes, MK9 3HP
Telephone (0908) 661101

When real tears don't come easily...

Liquifilm Tears
(polyvinyl alcohol)

by day

... spread evenly over the cornea to provide complete wetting without being sticky or blurring vision



by night

... lubricates and protects the dry eye during sleep

ALLERGAN
Allergan Limited

Turnpike Road, Cressex Industrial Estate, High Wycombe, Bucks. HP12 3NR.

Presentation: Clear, colourless to slightly straw coloured sterile, aqueous ophthalmic solution, containing polyvinyl alcohol 1.4%. *Uses:* For dry eyes, especially where natural mucus is absent, or deficient, also an ocular lubricant. *Dosage and administration:* 1 drop in the eye as needed, or as directed. *Contra-indications, warnings etc:* Not for use with soft contact lenses. If irritation increases or persists, discontinue use. *Pharmaceutical precautions:* nil. *Legal category:* P. *Packaging quantities:* Liquifilm Tears is available in plastic dropper bottles containing 15ml. *Further information:* nil. Basic NHS cost as at January 1984 £1.33. PL 0426/0009. Further information is available on request.

LACRI-LUBE *Presentation:* Sterile, bland, non-medicated ointment for topical administration to humans, containing white petrolatum mineral oil, non-ionic lanolin derivatives with chlorobutanol 0.5% as a preservative. *Uses:* Useful as adjunctive therapy to lubricate and protect the eye in conditions characterised by exposive keratitis, decreased corneal sensitivity, recurrent corneal erosions, and keratitis sicca. *Dosage and Administration:* For topical administration. Pull lower lid down to form pocket. Apply small amount as needed. *Contra-indications, etc:* No known contra-indications. *Pharmaceutical precautions:* Store away from heat. To avoid contamination during use, do not touch tip to any surface. *Legal Catogory:* P. *Package Quantities:* Available in 3.5g ophthalmic tubes. Basic NHS cost as at January 1984 £1.76. PL 0426/0041. Further information is available on request.

LTLL

Cover every move with MINIMS™

The range of single use eye drops with the following advantages

- includes 19 different agents* for Mydriasis, Cycloplegia, Miosis, Local Anaesthesia, Staining, Antibacterial action and Irrigation.
- when applicable more than one strength is available.
- new additions are regularly introduced in order to meet the everchanging demands of ophthalmology.
- each unit is individually overwrapped to ensure sterility at the time of use.

a comprehensive guide to the range is available from

Smith & Nephew Pharmaceuticals Ltd
Bampton Road, Harold Hill
Romford, Essex, RM3 8SL, England
Telephone: 04023 49333
Telex: 898058 SMINEPG

Smith+Nephew

*The current Minims range comprises the following:-
Atropine Sulfate Ph.Eur. 1.0%, Cyclopentolate Hydrochloride BP 0.5 & 1.0%, Homatropine Hydrobromide Ph.Eur. 2%, Hyoscine Hydrobromide Ph.Eur. 0.2%, Phenylephrine Hydrochloride BP 10%, Tropicamide BP 0.5 & 1.0%, Pilocarpine Nitrate Ph.Eur. 1.0, 2.0 & 4.0%, Amethocaine Hydrochloride Ph.Eur. 0.5 & 1.0%, Benoxinate Hydrochloride U.S.P. 0.4%, Lignocaine Hydrochloride Ph.Eur. 4.0% + Fluorescein Sodium BP 0.25%, Fluorescein Sodium BP 1.0 & 2.0%, Rose Bengal 1.0%, Chloramphenicol Ph.Eur. 0.5%, Neomycin Sulfate Ph.Eur. 0.5%, Sulfacetamide Sodium BP 10.0%, Gentamicin 0.3%, Prednisolone Sodium Phosphate BP 0.5%, Sodium Chloride Ph.Eur. 0.9%, Castor Oil Ph.Eur.

THE PASS MASTER.

Not to put too fine a point on it we felt you ought to know why Alcon's ophthalmic needles are the finest in the world.

1. Unrivalled sharpness, maintained pass after pass.
2. Sharpened to the widest point to minimise tissue drag.
3. Alcon's unique ASSIST O.R. Pak to protect the needles.
4. Finest suture materials swaged to needle channel.
5. Alcon Laboratories is the only major company *specialising* in ophthalmic sutures.

B.S.S. Balanced Salt Solution, Alcon

To further minimise trauma due to irrigation during surgery.
B.S.S. is the **only** Seven-ion physiologic solution for intraocular use.

Write or phone for full details of Alcon's suture range and B.S.S. Balanced Salt Solution, Alcon.

Alcon

Dedicated to Excellence

Alcon Laboratories (UK) Ltd., Imperial Way, Watford, Hertfordshire WD2 4YR Telephone: (0923) 46133

UNDER CONTROL...

with Control-Tip™

- You are in control with the new *Control-Tip™ Loop* design which may be used with the Osher/Fenzl insertion technique and instrument. You can easily manoeuvre the lens with this single hook instrument, through small pupils and in closed chambers.

- You are in control where shallow anterior chambers, positive vitreous pressures or patient movements may occur.

The new IOLAB *Control-Tip™ Loop* makes implantation easier . . . only one instrument and one hand are needed . . . A TIP FOR SUCCESS.

EUROPE®

U.K., Ireland, Scandinavia & Middle East
110-112 High Street,
Maidenhead, Berkshire SL6 1QQ.
England.
Tel: (0628) 74811
Tlx: 849400 CODMAN G

Germany, Austria & Switzerland
Am Hehsel 38-40,
2000 Hamburg 63, Germany.
Tel: 040/5 38 00 00
Tlx: 213888 COD D

Italy, Spain, Portugal & Greece
Via Crescenzio 42,
00193 Rome, Italy.
Tel: 6548403
Tlx: 621062 CREGES 1

France & North Africa
c/o Critikon S.A.
"Le Pyramide"
80 Ave du General de Gaulle,
94009 Creteil L'Echat, France.
Tel: 339 30 06
Tlx. CRITIFR 230719F

Benelux
c/o Ortho Diagnostic Systems N.V.
Antwerpseweg 19-21,
B-2340 Beerse, Belgium.
Tel: 61 16 24
Tlx. 32540 JANFAR B

An Alternative View...
in the treatment of inflammation

ALLERGAN

Allergan Limited Turnpike Road
Cressex Industrial Estate
HIGH WYCOMBE Bucks HP12 3NR

FML* PRESCRIBING INFORMATION
Presentation White microfine sterile ophthalmic suspension containing fluorometholone (0.1%). **Uses** Topical ophthalmic suspension for steroid responsive inflammation of the palpebral and bulbar conjunctiva cornea and anterior segment of the globe. **Dosage and Administration** 1 to 2 drops instilled into the conjunctival sac two to four times daily. During the initial 24 to 48 hours the dosage may be safely increased to 2 drops every hour. Care should be taken not to discontinue therapy prematurely. **Contra-indications, Warnings, etc.** CONTRA-INDICATIONS. Acute superficial herpes simplex keratitis. Fungal diseases of ocular structures. Vaccinia, varicella and most other viral diseases of the cornea and conjunctiva. Tuberculosis of the eye. Hypersensitivity to the constituents of this medication. **Warnings** Steroid medication in the treatment of herpes simplex keratitis involving the stroma requires great caution. Frequent slit-lamp microscopy is mandatory. Prolonged use may result in glaucoma, damage to the optic nerve, defects in visual acuity and fields of vision, posterior subcapsular cataract formation, or may aid in the establishment of secondary ocular infections from fungi or viruses liberated from ocular tissue. In those diseases causing thinning of the cornea or sclera, perforation has been known to occur with use of topical steroids. Safety and effectiveness have not been demonstrated in children of the age group two years or below. This preparation contains benzalkonium chloride and should be used with caution in association with hydrophilic contact lenses. **Use in Pregnancy** Safety of the use of topical steroids during pregnancy has not been established. **Precautions** As fungal infections of the cornea are particularly prone to develop coincidentally with long-term steroid applications, fungus invasion must be suspected in any persistent corneal ulceration where a steroid has been used or is in use. Intra ocular pressure should be checked frequently. **Adverse Reactions** Glaucoma with optic nerve damage, visual acuity or field defects, posterior subcapsular cataract formation, secondary ocular infection from pathogens liberated from ocular tissues, perforation of the globe. Local side-effects of steroid therapy, ie skin atrophy, striae and telangiectasia, are especially likely to affect facial skin. **Pharmaceutical Precautions** Protect from freezing. **Legal Category** POM. **Package Quantities** Supplied in plastic dropper bottles of 5ml and 10ml. Basic NHS cost (as at July 1984) 5ml-£1.78, 10ml-£2.85. PL 0426/0028. Full prescribing information is available on request.

*Trade Mark

FML-NEO* PRESCRIBING INFORMATION
Presentation Sterile, white, microfine ophthalmic suspension containing fluorometholone, NF0.1% and neomycin sulphate, BPO.5% (equivalent to 0.35% neomycin base). **Uses** FML-NEO* is indicated for the management of steroid responsive inflammation of the palpebral or bulbar conjunctiva, cornea and anterior segment of the globe, when threatened or complicated by infection with neomycin-sensitive organisms. **Dosage and Administration** One or two drops in the conjunctival sac two to four times daily. During the initial 24 to 48 hours, the dosage may be safely increased to one drop every hour. Care should be taken not to discontinu treatment prematurely. Shake well before using. **Contra-indications, Warnings etc.** Acute untreated purulent ocular infections. Acute superficial herpes simplex (dendritic keratitis), vaccinia, varicella and most other viral diseases of the conjunctiva and cornea. Ocular tuberculosis, fungal diseases of the eye and hypersensitivity to any of the components of the drug. **Warnings** As for FML* above and, in addition in diseases due to micro-organisms resistant to neomycin, infection may be masked enhanced or activated b the steroid. Prolonged use may result in overgrowth of nonsusceptible organisms. Articles in current medical literature indicate an increase in the prevalence of persons sensitive to neomycin. The possibility of such a reaction should be borne in mind. If sensitivity or other untoward reactions occur, discontinue the medication. **Precautions** Patients with histories of herpes simplex keratitis should be treated with caution. Use of topical steroids may increase intraocular pressure. Safety of intensive or protracted use of topical steroids during pregnancy has not been substantiated. Local side effects of steroid therapy, ie skin atrophy, striae and telangiectasia, are especially likely to affect facial skin. **Pharmaceutical Precautions** Shake well before using. Do not freeze. **Lega Category** POM. **Package Quantities** Available in 5ml plastic dropper bottles. Basic NHS cost (as at July 1984) £1.90. PL 0426/0043. Ful Prescribing information is available on request.

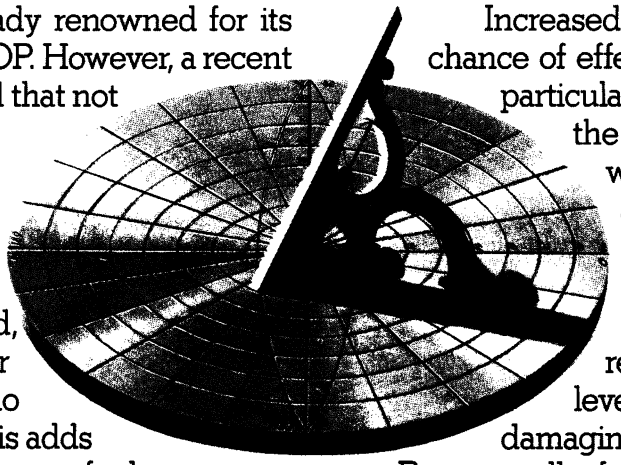
*Trade Mark

FMNE 3

GLAUCOMA.

What is the best measure of successful control over time?

'Since the aim of treatment is to prevent loss of visual field, any definitive assessment of therapeutic benefit should logically be based on field survival.'[1]



TIMOPTOL is already renowned for its efficacy in controlling IOP. However, a recent three-year study[1] found that not only was therapy with TIMOPTOL associated with sustained IOP reductions of 24.3 to 34.5%, but that the majority of those treated, who were monitored for field survival, showed no significant field loss. This adds significant weight to the case for long-term use of TIMOPTOL.

Patients find the simple 'one drop' b.d. dosage convenient and easy to remember. In fact, recent research has demonstrated that compliance may be substantially improved by choosing a drug that needs to be taken less often than three times daily.[2,3]

Increased compliance means more chance of effective 24-hour control, of particular importance in view of the diurnal variations in IOP which may be as great as 11 mm Hg.[4]

Over a one-year period TIMOPTOL has been shown to significantly reduce diurnal variations,[4] levelling out the potentially damaging pressure peaks.

Because all of these benefits are achieved generally without the familiar hardships of 'the miotic life' such as blurring of vision, pinpoint pupil and ocular irritation, TIMOPTOL has been described as '. . . one of the most significant advances in the topical treatment of chronic open-angle glaucoma . . .'[5]

Ophthalmic Solution

Timoptol®

Timolol maleate, MSD

For effective control from every point of view

MSD

MERCK SHARP DOHME

Merck Sharp & Dohme Limited
Hoddesdon, Hertfordshire, EN11 9BU

OPHTHALMIC SERVICES

For abridged product information, see overleaf

9-84.TOT.83.GB.9390.J

Ophthalmic Solution

Timoptol®

Timolol maleate, MSD

ABRIDGED PRODUCT INFORMATION
Full prescribing information is available on request and should be consulted before prescribing.

USES
Elevated intra-ocular pressure including: ocular hypertension, chronic open-angle glaucoma (including aphakia); secondary glaucoma.

DOSAGE AND ADMINISTRATION
Usually one drop 0.25% solution in affected eye twice a day. If necessary change to one drop 0.5% solution twice a day.

CONTRA-INDICATIONS
Bronchospasm, bronchial asthma, chronic obstructive pulmonary disease. Uncontrolled cardiac failure. Hypersensitivity.

PREGNANCY
Not studied; weigh benefit against possible hazards.

PRECAUTIONS
'Timoptol' may be absorbed systemically.
Known contra-indications to systemic use of beta-blockers require caution. These include sinus bradycardia, greater than first-degree block; cardiogenic shock; diabetes.
Cardiac failure should be adequately controlled before prescribing. History of severe cardiac disease requires monitoring for cardiac failure and checking of pulse rates.
There have been reports of skin rashes and/or dry eyes associated with beta-blocking drugs; discontinuation should be considered.
Patients receiving a beta-blocker orally and 'Timoptol' may experience an additive effect on IOP or on known systemic effects of beta-blockade.
Mydriasis resulting from use of 'Timoptol' with adrenaline reported occasionally.
Children
Not currently recommended.

SIDE EFFECTS
Ocular irritation, including conjunctivitis, blepharitis, and keratitis, reported occasionally. Visual disturbances reported infrequently. Rash and urticaria reported rarely.
Certain cardiovascular, pulmonary and other disorders reported, including bradyarrhythmia, hypotension, syncope, and bronchospasm. Respiratory failure, congestive heart failure and, in diabetics, masked symptoms of hypoglycaemia reported rarely. Slight reduction in resting heart rate observed.
Rare effects reported are aphakic cystoid macular oedema, headache, dry mouth, anorexia, dyspepsia, nausea, dizziness, CNS effects, palpitation, and hypertension.

BASIC NHS COST
0.25% Ophthalmic Solution 'Timoptol,' £5.18 per 5 ml pack.
0.5% Ophthalmic Solution 'Timoptol,' £5.82 per 5 ml pack.

PRODUCT LICENCE NUMBERS
0.25% Ophthalmic Solution 'Timoptol,' 0025/0134
0.5% Ophthalmic Solution 'Timoptol,' 0025/0135.
Issued October 1983.
® denotes registered trademark.

REFERENCES

1. Sponsel, W. E., *et al., Brit. J. Ophthal.*, 1983, *67*, 220.
2. Norell, S. E., *Amer. J. Ophthal.*, 1981, *92*, 727.
3. MacKean, J. M., and Elkington, A. R., *Brit. J. Ophthal.*, 1983, *67*, 46.
4. Reynolds, P. M., *Glaucoma*, 1982, 262.
5. Willcockson, J., and Willcockson, T., *Glaucoma*, 1982, 155.

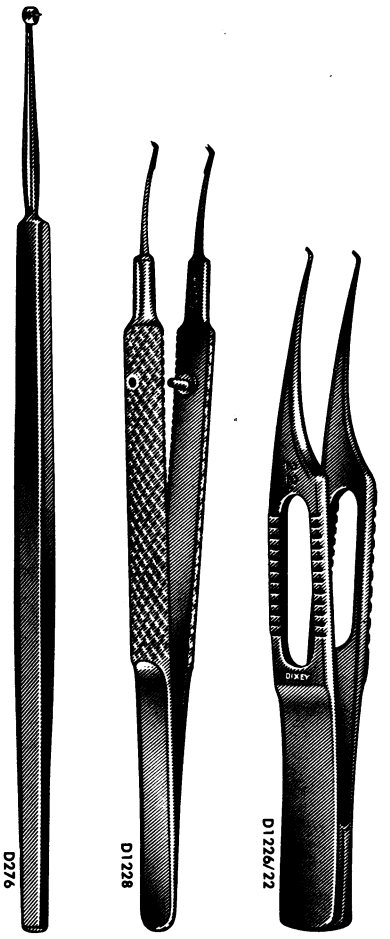
MSD MERCK SHARP DOHME

Merck Sharp & Dohme Limited
Hoddesdon, Hertfordshire, EN11 9BU

OPHTHALMIC SERVICES

9·84 TOT 83 GB 9390 J

DIXEY



D276 Govan's Depressor/Marker, Scleral
D1228 Birks Micro 'Colibri' Forceps
D1226/22 Beaked (Colibri) Micro Forceps:

DIXEY INSTRUMENTS LIMITED
Ophthalmic Instruments & Apparatus
19 Wigmore Street
London W1A 4DU England
Telephone: 01-580 1713 Telex: 268312

The Manchester Course for F.R.C.S. in Ophthalmology

on

Monday, 18th – Friday, 22nd February 1985

at the

Manchester Royal Eye Hospital

Oxford Road, Manchester 13.

Attendance is limited to 20 participants.

Each of the ten half day-sessions will be devoted to one of the following topics:

Basic Sciences, including Physiology and Anatomy.
Common Neuro-Ophthalmic Problems.
Macular Disease.
Vitreoretinal Problems with specific regard to Surgical Management.
Glaucoma.
Ocular Motility.
Mock clinical examination and viva for candidates.

COURSE FEE: £120

Residential accommodation is available at nearby Hotels at additional cost.

Application Form and Programme available from:

Secretary for Advanced Courses, University Department of Postgraduate Medical Studies, Gateway House, Piccadilly South, Manchester M60 7LP
Tel: 061 236 9456 Ext. 556/219.

Patience, **CARE, Time,**
Attention to detail,
SKILL,
Resourcefulness,
Ingenuity, **PRECISION,**
Accuracy, *Dedication,*
IMAGINATION,
Experience,
Knowledge,
TRAINING....

...They sound like the qualities we expect our staff to bestow on every patient.

THEY ARE.

They are also the virtues we invest in the manufacture of every pair of spectacles.

Melson Wingate
DISPENSING OPTICIANS
31 ABBOTT ROAD,
BOURNEMOUTH BH9 1EZ
Telephone (0202) 512311

In the treatment of glaucoma

Ganda has been shown to enhance the outflow facility as well as reducing secretion .*

Ganda®

Guanethidine monosulfate Ph. Eur. and Adrenaline BP

a non-miotic therapy for glaucoma, currently available in four strengths:–
Ganda 1+0.2% Ganda 3+0.5% Ganda 5+0.5% Ganda 5+1%

*Reference Hoyng Ph.F.S. & Dake C.L. in
'Pharmacological Denervation and Glaucoma' published
by Dr. W. Junk bv, The Hague (1981) pp 105-112

DOSAGE AND ADMINISTRATION Adults: One drop to be instilled into the eye once or twice daily or at the discretion of the physician. Children: At the discretion of the physician.

CONTRA-INDICATIONS, WARNINGS ETC. Ganda should not be used in the case of a narrow angle between the iris and cornea as pupillary dilation may precipitate angle closure. Occasionally orbital discomfort or red eye (hyperaemia) may occur. Other side effects, such as local irritation and headaches are rare. When used in conjunction with miotics, Ganda should follow the miotic after an interval of 5-10 minutes. Ganda should not be used if the solution has become dark amber. The contents of the bottle should be discarded one month after the pouch has been opened. Ganda is fully potent for two years providing the pouch remains unopened.

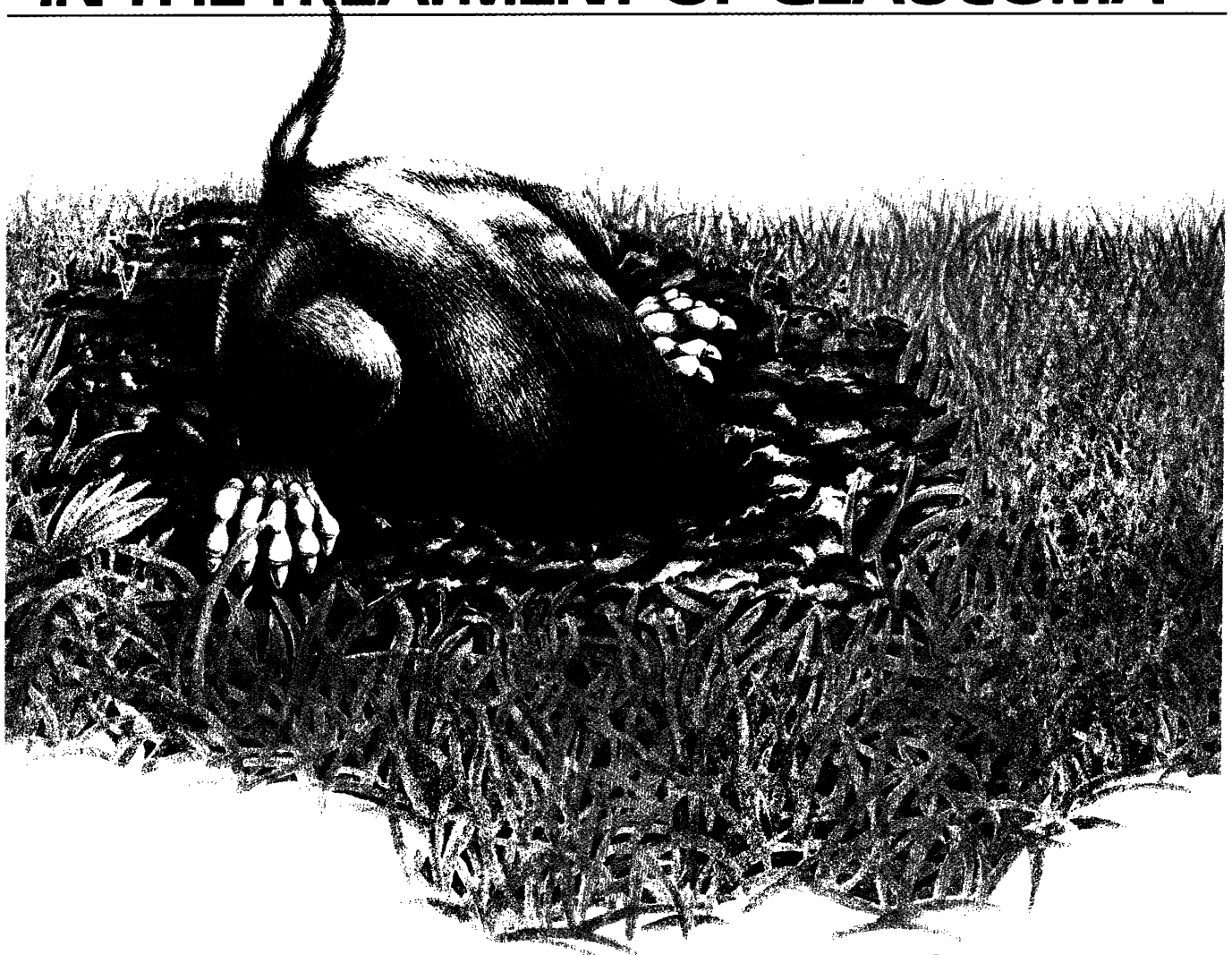
Product Licence Numbers: 0033/0069, 70, 71, 75.

Full prescribing information is available on request.

Smith & Nephew Pharmaceuticals Ltd
Bampton Road, Harold Hill
Romford, Essex, RM3 8SL, England
Telephone: 04023 49333
Telex: 898058 SMINEPG

Smith+Nephew

ANNOUNCING A FIRST IN THE TREATMENT OF GLAUCOMA



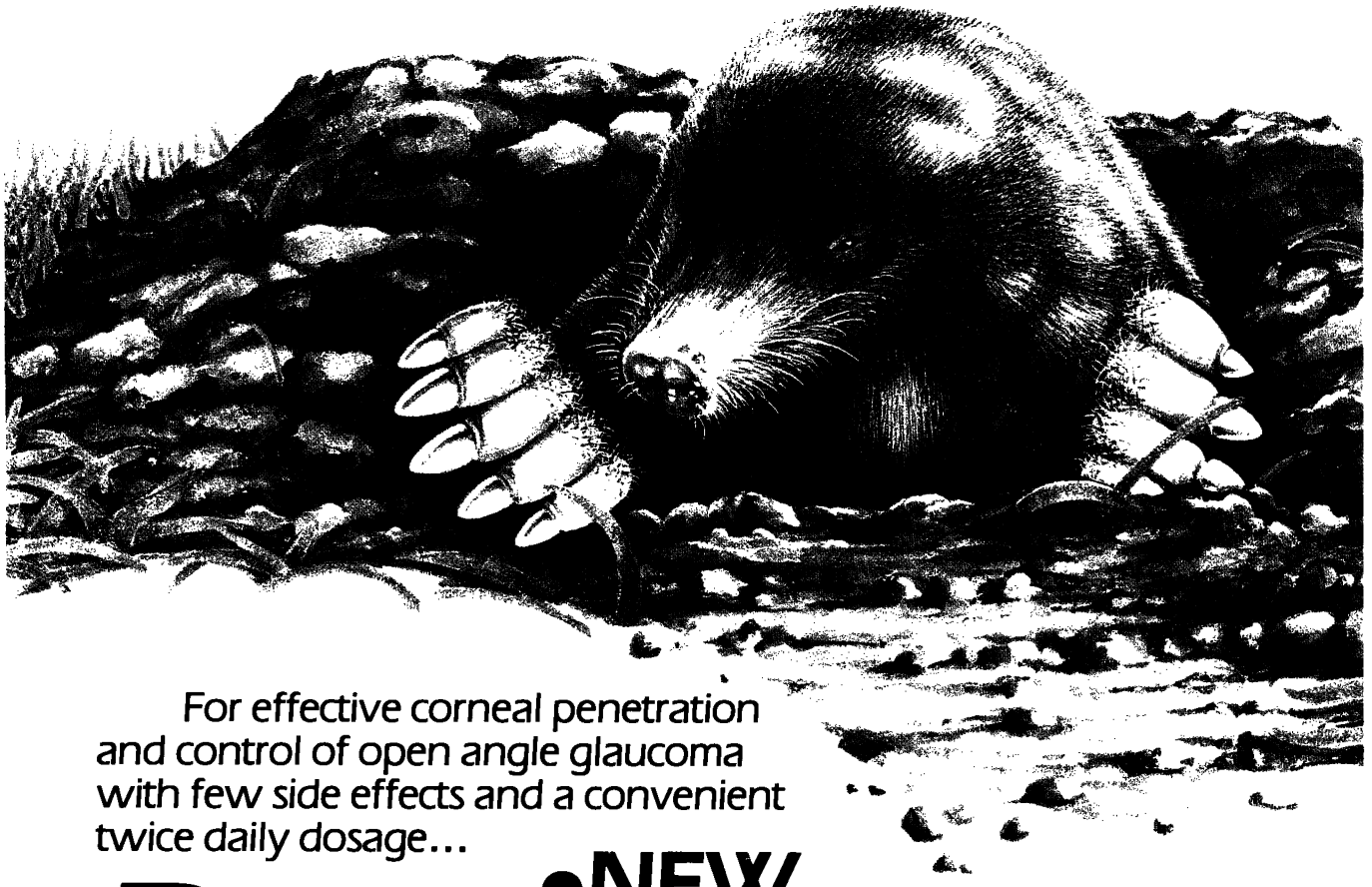
Propine

dipivefrin HCl

the prodrug that breaks new ground in penetration...

Product information overleaf

THE PENETRATING TREATMENT FOR GLAUCOMA HAS ARRIVED...



For effective corneal penetration and control of open angle glaucoma with few side effects and a convenient twice daily dosage...

•NEW Propine

dipivefrin HCl

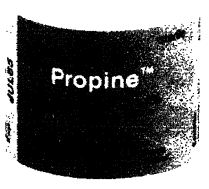
All it took was hindsight and a little vision

Full prescribing information is available on request

Presentation: Sterile ophthalmic solution containing dipivefrin hydrochloride (0.1%). **Uses:** For the control of intraocular pressure in chronic open angle glaucoma or ocular hypertensive patients with anterior chamber open angles. **Dosage and Administration:** The usual dosage is one drop in the affected eye(s) every 12 hours. **Contra-indications, Warnings, etc:** Use in pregnancy — the safety of the intensive or protracted use of dipivefrin during pregnancy has not been substantiated. Contra-indications — patients suffering from closed angle glaucoma. Precautions — dipivefrin should be used with caution in patients with narrow angles since dilation of the pupil may trigger an attack of angle closure glaucoma. Macular oedema is a rare occurrence with adrenaline use in aphakic patients. Prompt reversal generally follows discontinuance of the drug. Macular oedema with dipivefrin does present as a possibility in the aphakic patient. Adverse reactions: Rebound vasodilation and allergic blepharoconjunctivitis are rarely observed following treatment with dipivefrin. Dipivefrin has been used successfully in patients who have demonstrated such intolerance to adrenaline. Adrenochrome deposits have been rarely observed following the use of dipivefrin. Very slight transitory stinging may occur upon instillation in some patients. This product contains benzalkonium chloride and should not be used in conjunction with soft contact lenses. **Pharmaceutical Precautions:** Store at a temperature of 4 - 23°C; however, it can be stored for up to 30°C for a short period of time (a few days). **Legal Category:** POM. **Package Quantities:** Supplied in plastic dropper bottles containing 10ml. Basic NHS Cost: [as at February 1984] £4.65. PL 0426/0040

ALLERGAN

Allergan Limited,
Turnpike Road,
Cressex Industrial Estate,
High Wycombe,
Bucks. HP12 3NR

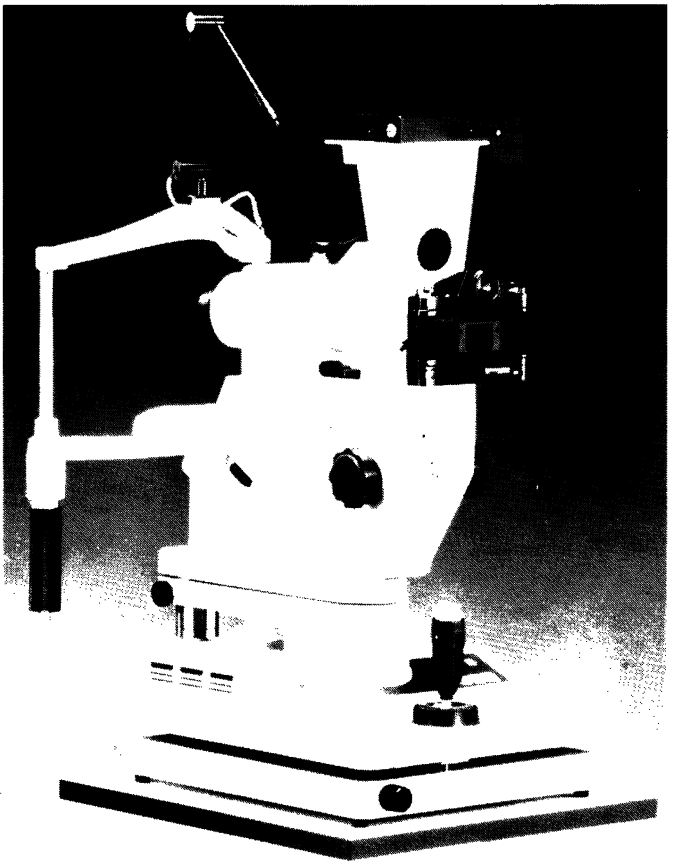


PP7

Canon

Canon proudly presents the world's most advanced Fundus Camera -

The CF-60U



Featuring many optical and electronic advances.

Wide Angle: 60° field requires only 5.5 mm pupil. 4.0 mm for 30° field.

Computerised: Microprocessors select photographic mode, flash intensity and insert filters.

Speaks: Warning voice or sound will prevent operational error.

Refined Design: All controls are centralised around the joystick.

Other features include split line focusing, polaroid and illuminated controls.

For more details simply contact your nearest Canon office.

Canon Europa NV
I. P. Division
Unit 3
Brent Trading Centre
North Circular Road
Neasden
London NW10 0JF

Tel: 01-451 4511
Telex: 295776

Canon USA INC
One Canon Plaza
Lake Success
N. Y. 11042
USA

Tel: (516) 488 6700
Telex: 221589

Canon INC
7-1 Nishi-Shinjuku 2-chome
Shinjuku-ku
Tokyo 160
Japan

Tel: (03) 348 2121
Telex: J22697

ABC OF COMPUTING

A J ASBURY

Although computers are being widely used in medicine, their possibilities and limitations are still not clear to many potential users. This book, aimed at the non-expert, describes some of the uses of computers in medicine; because most doctors' involvement will be indirect, liaising with computer experts rather than designing systems themselves, the book concentrates on concepts rather than detailed descriptions of how computers work. It provides a useful introduction for the doctor who wants to know how computers can contribute to his practice of medicine.

Price: Inland £5.75; Overseas £8.00*/USA $14.00*
(Inland £5.25; Overseas £7.50*/USA $13.00*
to BMA members)
**including air mail postage*

Payment must be enclosed with order

Order your copy now
From: The Publisher, British Medical Journal,
BMA House, Tavistock Square
London WC1H 9JR
or any leading bookseller

1ST INTERNATIONAL CORNEA AND EYE BANKING SYMPOSIUM

Presented By:

EYE BANK ASSOCIATION of AMERICA

San Diego, California, U.S.A.
Hotel Inter-Continental, June 6-8, 1985

The Symposium will focus on Corneal Research, Corneal Surgery and Eye Banking. Among the many topics covered will be eye bank organization and administration, tissue procurement and typing, organ culturing, media storage, and the latest in research, instrumentation and surgical techniques.

Proceedings of the Symposium will be published in book form.

Program Chairman: Frederick S. Brightbill, M.D., University of Wisconsin, Madison, Wisconsin.

For additional information concerning the Symposium contact: Lila K. Lerner or Carol Soroka, Office of Continuing Education, Baylor College of Medicine, One Baylor Plaza, Houston, Texas 77030 U.S.A. or telephone (713) 799-6020.

This conference will be designated for Category 1 credits for the Physician's Recognition Award of the American Medical Association on an hour-for-hour basis.

ASSISTANT PROFESSOR IN THE DIVISION OF OPHTHALMOLOGY, DEPARTMENT OF SURGERY

Applications are invited for an Academic Ophthalmologist to fill a geographic full-time appointment in the Department of Surgery, Faculty of Medicine, The University of Calgary.

The successful candidate will be expected to spend 60% of his/her time in Academic pursuits and to participate in the scientific activities of the vision research group and/or the diabetic research unit of the Faculty of Medicine.

The candidate will be eligible for funding of research projects by competitive application to the Alberta Heritage Foundation for Medical Research.

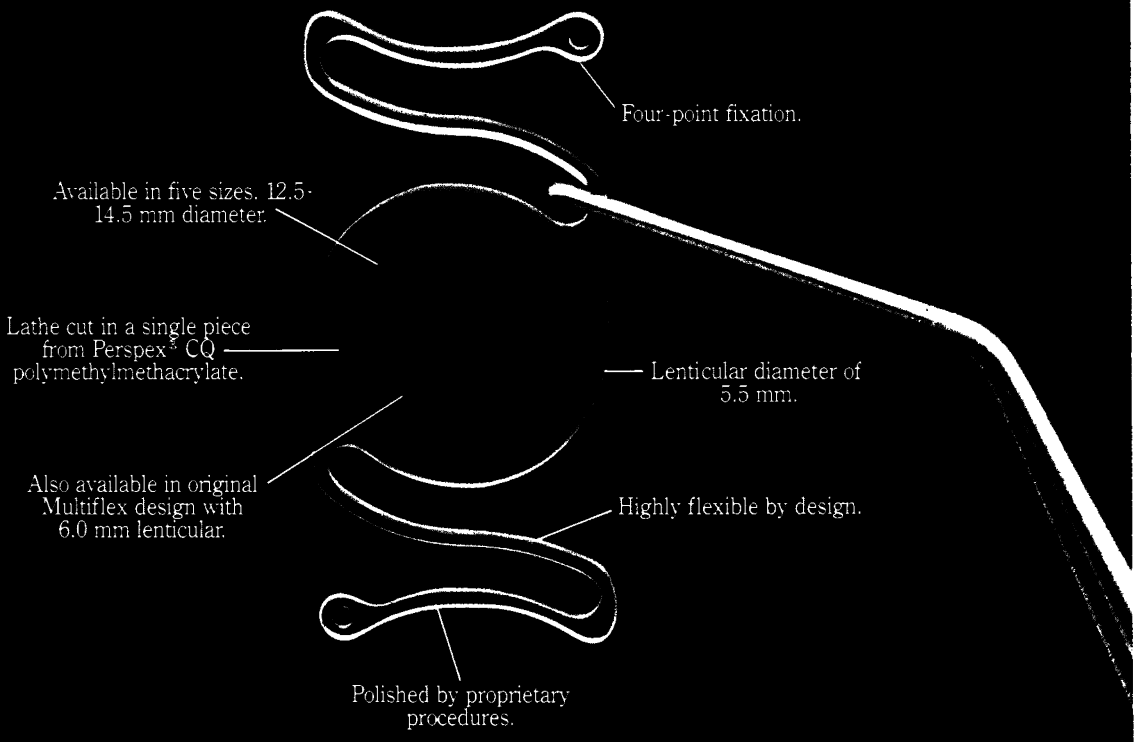
Clinical work will be permitted up to a negotiated ceiling.

All qualified individuals are encouraged to apply but preference will be given to Canadian citizens and permanent residents.

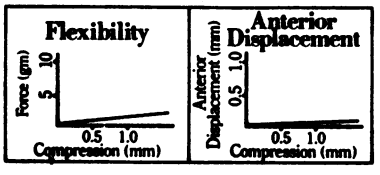
Applications should be made to:

Dr. C. M. Shafto, Department of Ophthalmology, Foothills Hospital, 1403 29th Street N.W., Calgary, Alberta T2N 2T9, Canada.

The Kelman™ Multiflex™* II anterior chamber lens from Cilco.



*U.S. Patent no. 4,174,543



Highly flexible, the Kelman™ Multiflex™* II anterior chamber lens helps facilitate insertion and minimize postoperative tenderness. Yet the patented design means minimal anterior displacement of the lens optic, optic, as demonstrated by these graphs. Please contact your Cilco office for additional information, surgical protocol or videotape on implantation with Charles D. Kelman, M.D.

CILCO

U.K., Ireland and Scandinavia: CILCO, Inc., 3 Waterdene House, Water Lane, Leighton Buzzard, Bedfordshire LU77AW, England • Telephone: (0525) 381122; U.S.A.: CILCO, Inc., 1616 13th Avenue, Box 1680, Huntington, WV 25717 • Telephone: 304-697-4422; Australia • Canada • Europe, Middle East and Africa • Japan and Korea • Latin America • W. Germany.

Precisely

Kelman Omnifit II

We developed this lens to solve the specific problems encountered in the routine surgical implantation of anterior chamber lenses, so that the Ophthalmologist who demands the ultimate in surgical performance can achieve precisely that every single time.

It is available in two sizes:

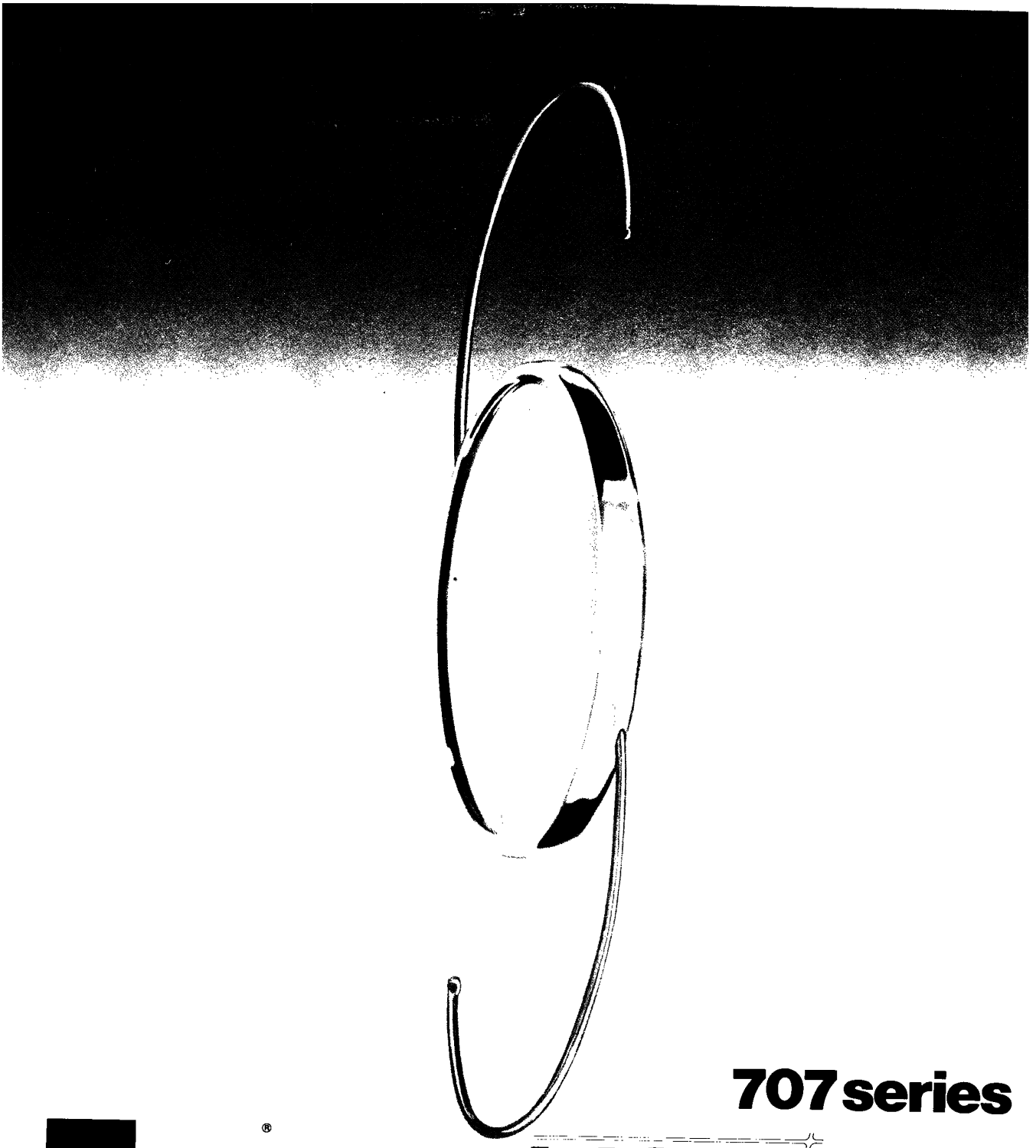
13.2mm (white to white 12.5mm or less)

14.2mm (white to white 12.5mm or more)

The one-piece, all P.M.M.A. construction means there is no polypropylene in the anterior chamber. The 5.5mm optic allows you to implant the lens through a smaller incision, optimising surgical efficiency as well as the healing process.

Choose the lens with a proven history of success.

One size fits 95% of your patients – simplifies ordering, lowers inventory costs.



707 series

EUROPE®

LASERIDGE™

Laseridge™ optic designed and developed in cooperation with Kenneth J. Hoffer M.D. F.A.C.S.

U.K., Ireland & Scandinavia
110-112 High Street,
Maidenhead, Berkshire SL6 1QQ.
England.
Tel: (0628) 74811
Tlx: 849400 CODMAN G

Germany, Austria & Switzerland
Am Hehsel 38-40,
2000 Hamburg 63, Germany.
Tel: 040/5 38 00 00
Tlx: 213888 COD D

Italy
Via Crescenzio 42,
00193 Rome, Italy.
Tel: 6548403
Tlx: 621062 CREGES 1

France & North Africa
c/o Critikon S.A.
"Le Pyramide"
80 Ave du General de Gaulle,
94009 Creteil L'Echat, France.
Tel: 339 30 06
Tlx. CRITIFR 230719F

Benelux
c/o Ortho Diagnostic Systems N.V.
Antwerpseweg 19-21,
B-2340 Beerse, Belgium.
Tel: 61 16 24
Tlx. 32540 JANFAR B

This Publication is available in Microform.

University Microfilms International

Please send additional information

for _____ (name of publication)

Name_____

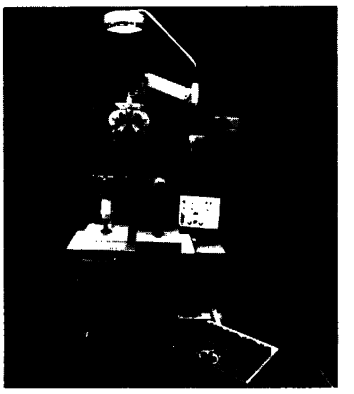
Institution_____

Street_____

City_____

State_____ Zip_____

300 North Zeeb Road
Dept. P.R.
Ann Arbor, Mi. 48106



DISCOUNTS AVAILABLE ON A WIDE RANGE OF EQUIPMENT INCLUDING:

SLIT LAMPS (DRUM, ZOOM, PHOTO)
FUNDUS/ENDOTHELIAL CAMERAS
KERATOMETERS
FOCIMETERS
TRIAL LENSES
INSTRUMENT UNITS, ETC.

carleton optical

73 NEW BOND ST. LONDON W.1.
Tel: 01-408 2121

AGENTS FOR NIKON, ZEISS JENA

FELLOWSHIP
IN
PEDIATRIC OPHTHALMOLOGY

Available at

THE HOSPITAL FOR SICK CHILDREN
Toronto, Canada

July 1986 – June 1987

Wide Experience in all
Areas of Pediatric Ophthalmology

Apply:

J. Donald Morin, M.D.
Ophthalmologist-in-Chief,
The Hospital for Sick Children,
555 University Avenue,
Toronto, Ontario M5G 1X8.

416/598-6503

**Personal Interview Required

Published by British Medical Association, Tavistock Square, London WC1H 9JR.
Typesetting by Bedford Typesetters Ltd., Bedford, England. Printed by Paramount Printing Co. Ltd., Hong Kong