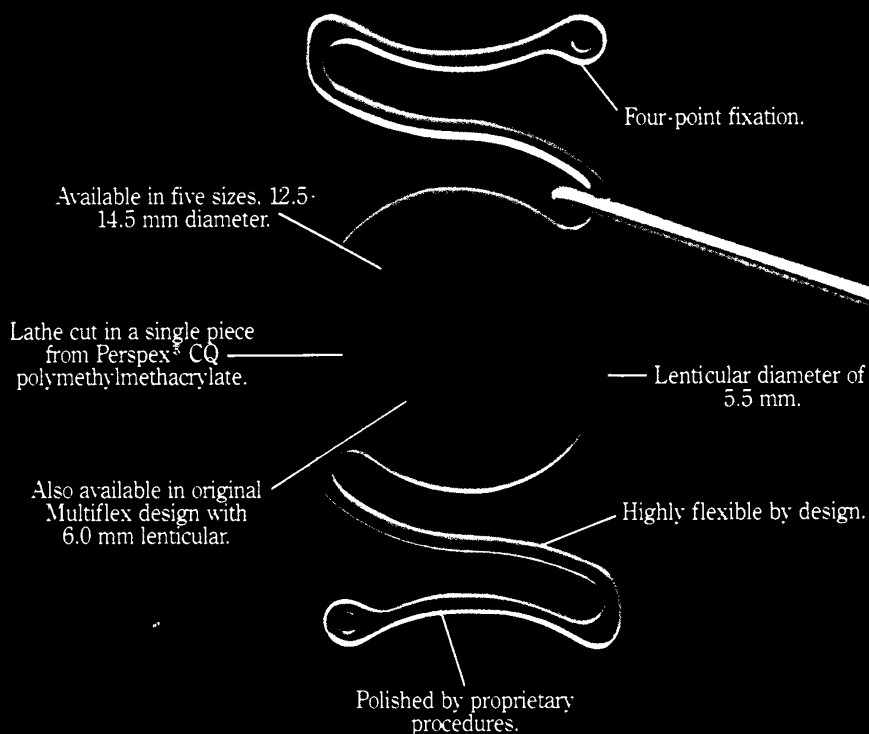
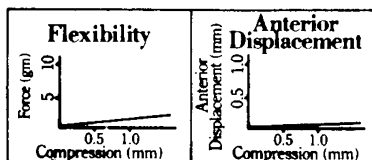


The KelmanTM MultiflexTM* II anterior chamber lens from Cilco.



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

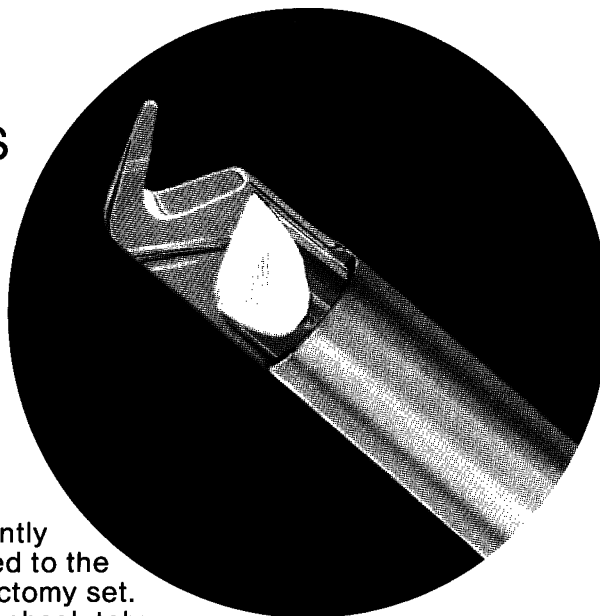


Highly flexible, the KelmanTM MultiflexTM* II anterior chamber lens helps facilitate insertion and minimize postoperative tenderness. Yet the patented design means minimal anterior displacement of the lens optic, as demonstrated by these graphs. Please contact your Cilco office for additional information,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

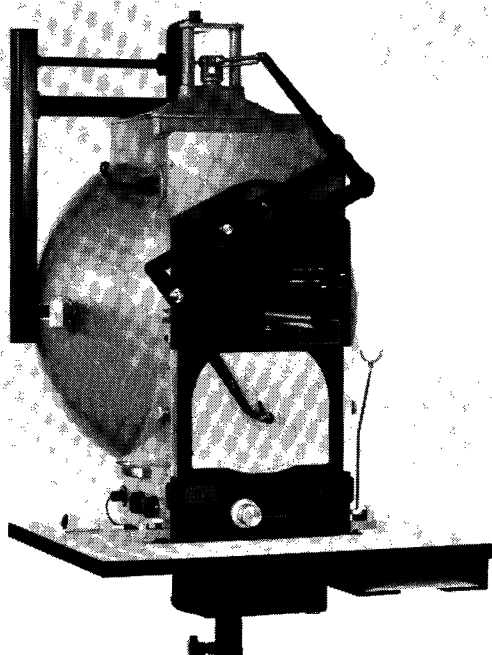
CILCO

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.

THE KLÖTI MICRO-SCISSORS



The mechanics of this instrument are based on the well proved principle of the Klöti microstripper, consequently the scissors may be connected to the same control unit as the vitrectomy set. The intraocular tip is made of absolutely corrosion-resistant material. Write for details.



Goldmann Perimeter

The Goldmann perimeter ensures an accurate examination of the patients' visual fields. The self recording device, which is an optional extra, allows constant conditions of registration. Reaction time in marking stimulus recognition on the chart is eliminated. The device speeds up the examination, indicates the direction of the stimulus movement and facilitates presentation at a constant speed.



**Clement Clarke
International Ltd.**

15 Wigmore Street, London W1H 9LA,
Telephone 01-580 8053 Telex 298626

Q:

A:

storz

141-25



Kelman Cystotome Knife
22 gauge, sharp.
Overall length 32mm.

E0566



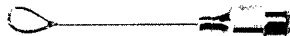
Graether Collar Button
23 gauge, iris retraction,
roughened posterior surface for
capsule polishing.
Overall length 25mm.

511-D



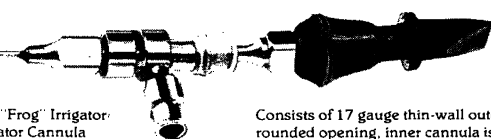
Jensen Capsule Polisher
27 gauge, diamond dusted tip.
Overall length 28mm.

E0615



Sheets Irrigating Vectus
21 gauge thin-wall, 3 irrigating
ports at 12, 9, and 3, serrations
on top of vectus, loop 6mm
wide, 10mm long.
Overall length 34mm.

0519



**Hyde "Frog" Irrigator
Aspirator Cannula**

Consists of 17 gauge thin-wall outer cannula with
rounded opening, inner cannula is 20 gauge with a
.5mm side aperture, side luer lock for attaching to
I.V. tubing.

395-27



McIntyre Autoclavable Handpiece. For use with all
irrigating type instruments, aids in manipulation and
control, distal tip accepts all cannula type instruments,
proximal tip accepts infusion tubing, 1/4" diameter.
Overall length 89mm.

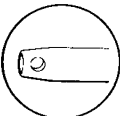
E4395-5

E4395-6

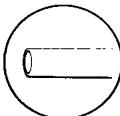
E4395-2

E4395-3

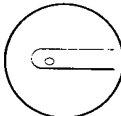
E4395-4



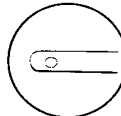
**McIntyre Truncated
Outer Cannula**
23 gauge, .5mm side
port.
Overall length 17.5mm.



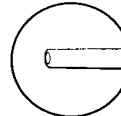
**McIntyre Straight Outer
Cannula**
19 gauge, straight tip.
Overall length 17.5mm.



McIntyre Inner Cannula
23 gauge, 2mm side
port.
Overall length 46mm.

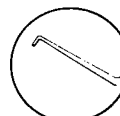


McIntyre Inner Cannula
23 gauge, 3mm side
port.
Overall length 46mm.



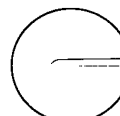
**McIntyre Straight Inner
Cannula**
23 gauge, end opening.
Overall length 46mm.

E0542



Clayman Guide
Angled 45° 9mm with .2mm hook.
Overall length 118mm.

E0545



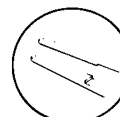
Sinsky Iris and I.O.L. Hook
Flat handle with .2mm hook.
Overall length 121mm.

E0714



Hirschman Iris Lens Spatula
Angled 12mm working end.
Overall length 123mm.

E1815-AK



Kelman-McPherson Angled Tying Forceps
8mm long smooth jaws.
Overall length 82mm.

508



Kratz Capsule Scraper
23 gauge with 1mm angled
sand-blasted tip.
Overall length 21mm.

E0508-D

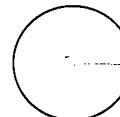
Kratz Capsule Scraper
23 gauge with 1mm angled
diamond dusted tip.
Overall length 21mm.

E4395



**McIntyre Basic Coaxial Cannula
Connector System Includes:**
2 each Infusion Set (E4395-1)
1 each Inner Cannula (E4395-2)
1 each Truncated Outer Cannula
(E4395-5)
1 each Nylon Connector
(E4395-7)

E0549-H



Hirschman Iris Hook
Angled 45° 9mm with a hook, round handle.
Overall length 125mm.

982



Clayman Lens Forceps
Angled 70° 3mm. Overall length 120mm.

E2997



Moore Lens Insertion Forceps
Angled with "V" shaped tips, tips are .02mm wide and
4mm apart, with sliding lock.
Overall length 126mm.

AL TOMED LTD

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Telex: 53768/1/2/3 ALLWORLD G. ALTOMED

Don't let your treatment
slip down the drain

After topical instillation, some
of the solution is lost down
the naso lacrimal duct.
Adding a viscosifying agent
will slow this process.

Ref: WILSON G G, *Optometry*, 1983, 54, 10, 10-11
J. Pharm. Med. 1983, 1, 10-11

Ref: HARDING R, D. HANNA, *Optometry*, 1983, 54, 10, 10-11

FOR THE TREATMENT OF GLAUCOMA

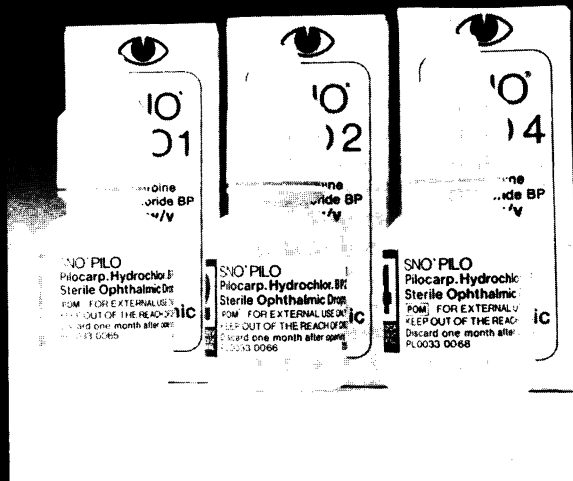
sno

Sno pilo™

PILOCARPINE HYDROCHLORIDE BP

is viscolised with polyvinyl alcohol
to prolong its action and make it
more comfortable for the patient
to use.

It is packed in a 10ml. plastic
bottle and is available in 3
strengths, 1%, 2%, and 4%.



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

Smith+Nephew

PRESCRIBING INFORMATION

DOSAGE AND ADMINISTRATION Adults: 1 or 2 drops to be instilled into each eye four times a day or as required. Children: At the discretion of the physician.

CONTRA-INDICATIONS, WARNINGS ETC. Sno pilo is contra-indicated where pupillary constriction is undesirable. Ciliary spasm with a temporary reduction of visual acuity occurs. Sensitivity is only rarely observed but if reaction occurs, the use of the drops should be discontinued.

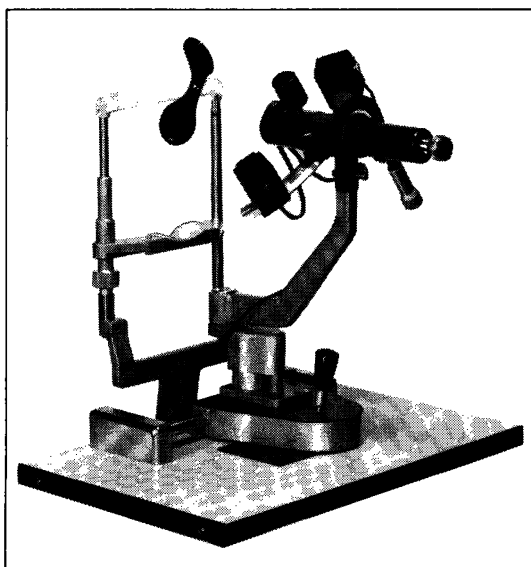
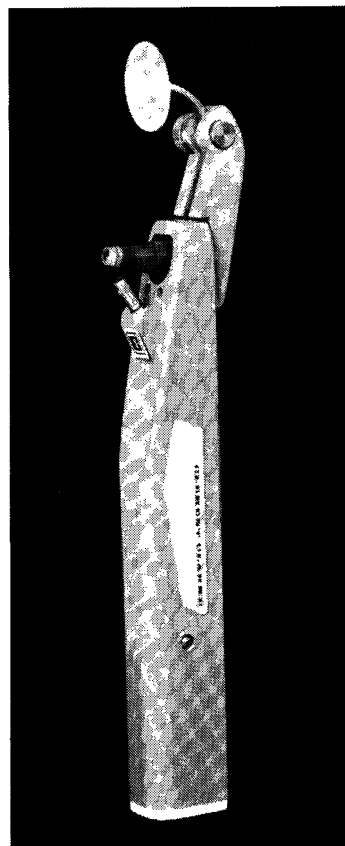
LEGAL CATEGORY POM

PRODUCT LICENCE NUMBERS: 0033/0065 0033/0066 0033/0068

BASIC NHS PRICE: 1% w/v — £0.85 2% w/v — £0.93 4% w/v — £1.11

Perkins Applanation Tonometer

The Perkins hand-held applanation tonometer is based on the Goldmann principle with the doubling prism mounted on a counterbalanced arm. Thus the instrument may be used with the patient in any position. A certificate of accuracy is issued with every instrument by the Institute of Ophthalmology, London.



HAAG-STREIT

ophthalmometer . . .

Probably the finest ophthalmometer available. It is quick accurate and simple to use. Precise corneal measurements can be made and it permits accurate measurements of radii on a scale from 5.5 to 11 mm and from 30 to 60 dioptres.



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Don't let your treatment
slip down the drain

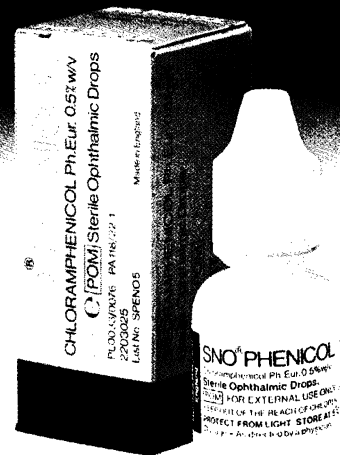
After topical instillation, some
of the solution is lost down
the naso lacrimal duct.
Adding a viscolising agent
will slow this process.

Ref: WILSON G.E. 1971 *Br. J. Ophthalmol.* 54: 101-102
J. Pharm. Pharmacol. 22: 100-101

Ref: HARDING G.P. 1971 *Br. J. Ophthalmol.* 54: 101-102

FOR THE TREATMENT OF EYE INFECTIONS

Sno
phenicolTM
CHLORAMPHENICOL PH.EUR. 0.5% W/V
contains chloramphenicol, a
broad spectrum antibiotic which is
well established for ophthalmic use.
It is viscolised with polyvinyl
alcohol which increases the
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increases patient comfort.
It is packed in a 10ml. plastic
bottle for ease of administration
and to avoid breakages.



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Telex: 898058 SMINEPG

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PRESCRIBING INFORMATION

DOSAGE AND ADMINISTRATION Adults: 1 or more drops as required.
Children: 1 drop as required.

CONTRA-INDICATIONS, WARNINGS ETC. Treatment with chloramphenicol should be discontinued immediately if there are signs of allergy (usually localised drug rash). This may be treated by topical hydrocortisone and/or antihistamine by mouth. This product is not intended as a long term treatment.

LEGAL CATEGORY POM
PRODUCT LICENCE NUMBER: 0033/0076
BASIC NHS PRICE: £0.90



Don't let your treatment
slip down the drain

After topical instillation, some
of the solution is lost down
the naso-lacrimal duct.
Adding a viscosifying agent
will slow this process.

Ref: WILSON S, *et al*, *British Journal of Ophthalmology*, 1981, 65, 110-112.

Ref: HARDING J, *et al*, *Journal of Clinical Pharmacy and Therapeutics*, 1981, 6, 1-5.

FOR THE RELIEF OF DRY EYE

Sno

SnoTM tears

POLYVINYL ALCOHOL 1.4% W/V

is formulated with polyvinyl alcohol
to bring comfort to dry eye
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It is packed in a 10ml. plastic
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PRESCRIBING INFORMATION

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CONTRA-INDICATIONS, WARNINGS ETC. Sno tears should not be used in patients
fitted with soft contact lenses.

LEGAL CATEGORY P

PRODUCT LICENCE NUMBER: 0033/0097

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| 210 Upper Richmond Road West | 01-876 2462 | | |
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| 118 Station Road | 01-952 3926 | | |
| EXETER, Devon | | | |
| 5 South Street | 0392 77698 | | |
| GOLDERS GREEN, London NW11 | | | |
| 55 Golders Green Road | 01-455 8418 & 4694 | | |
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| HARROW, Middx | | | |
| 30 College Road | 01-427 4113 | | |
| 250 Imperial Drive, Rayners Lane | 01-868 8922 | | |
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| 36 Church Road | 070 73 27130 | | |
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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.

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.

"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".

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 50, 100 and 500. **Basic N.H.S. cost:** £27.53 per 100 PL 0095 5074.

¹Trademark. **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 Laboratories, A division of Cyanamid of Great Britain Limited, Fareham Road, Gosport, Hampshire PO13 0AS.
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New clinical evidence has indicated that Opticrom is equally effective as steroids in treating allergic conditions such as V.K.C. And it doesn't cause a rise in intraocular pressure. (1) (2)

This is because Opticrom has been specifically formulated to provide both symptomatic and preventative treatment for type 1 reactions. It's fast and effective because it stabilizes mast cells preventing degranulation, the release of vasoactive amines and other inflammatory agents.

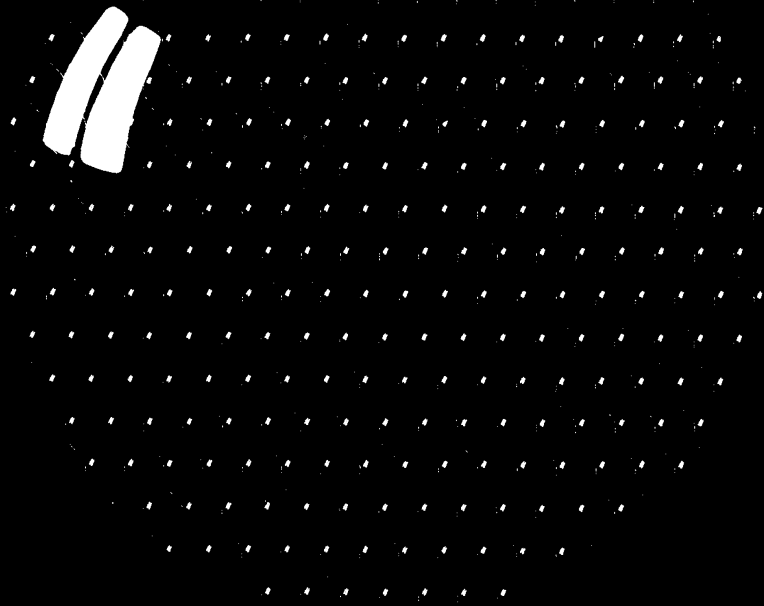
Opticrom[®]
Sodium Cromoglycate B.P.

FAST AND TO THE POINT.

PRESENTATIONS: Eye Drops containing 2% Sodium Cromoglycate in aqueous solution. Eye Ointment is a cream coloured opaque sterile ointment containing 4% Sodium Cromoglycate. **INDICATIONS:** Opticrom is for the relief and treatment of acute or chronic allergic conjunctivitis and vernal kerato conjunctivitis. **DOSAGE & ADMINISTRATION:** Eye Drops - One or two drops into each eye four times daily. Eye Ointment: To be applied to the eye two to three times daily. **CONTRA-INDICATIONS & WARNINGS:** Eye Drops - known hypersensitivity to benzalkonium chloride. As with all Ophthalmic preparations containing benzalkonium chloride, patients are advised not to wear soft contact lenses during the treatment period. Eye Ointment - As with other Ophthalmic ointments transient blurring of vision may occur. **BASIC NHS COST:** Eye Drops: £4.50 per 10ml bottle Eye Ointment: £6.43 per 5gm tube. **PRODUCT LICENCE NUMBER:** Eye Drops: PL0113/0039 Eye Ointment: PL0113/0103 Fisons plc, Pharmaceutical Division, Loughborough, Leicestershire LE11 0BB. **Reference:** 1. Dahan, E., and Appel, R., British Journal of Ophthalmology 1983, 67, 688-692 2. Hennawi, M., British Journal of Ophthalmology, 1980, 64, 483-486

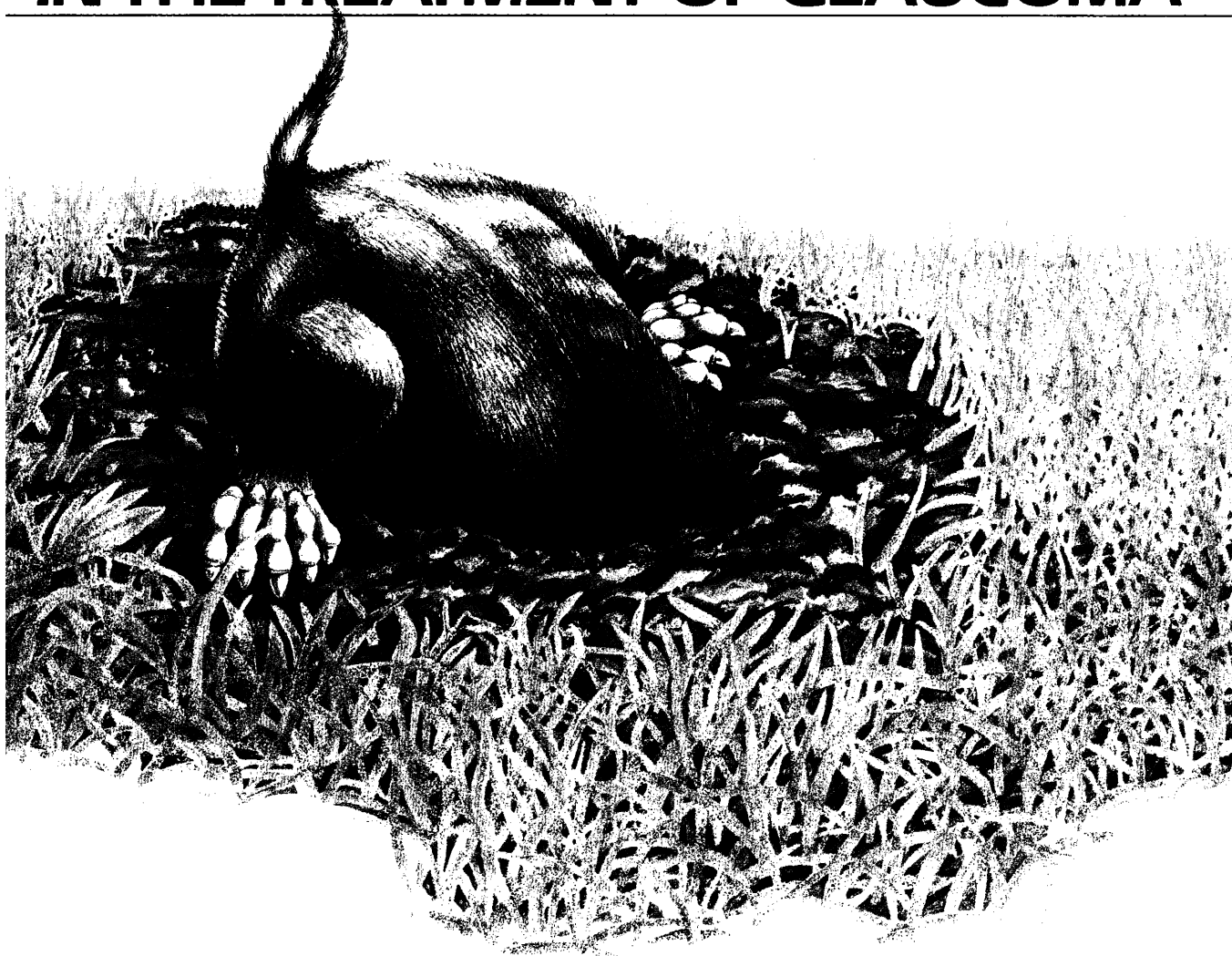
• MAXITROL •

(For Post-Operative Use)



Drop in
after work.

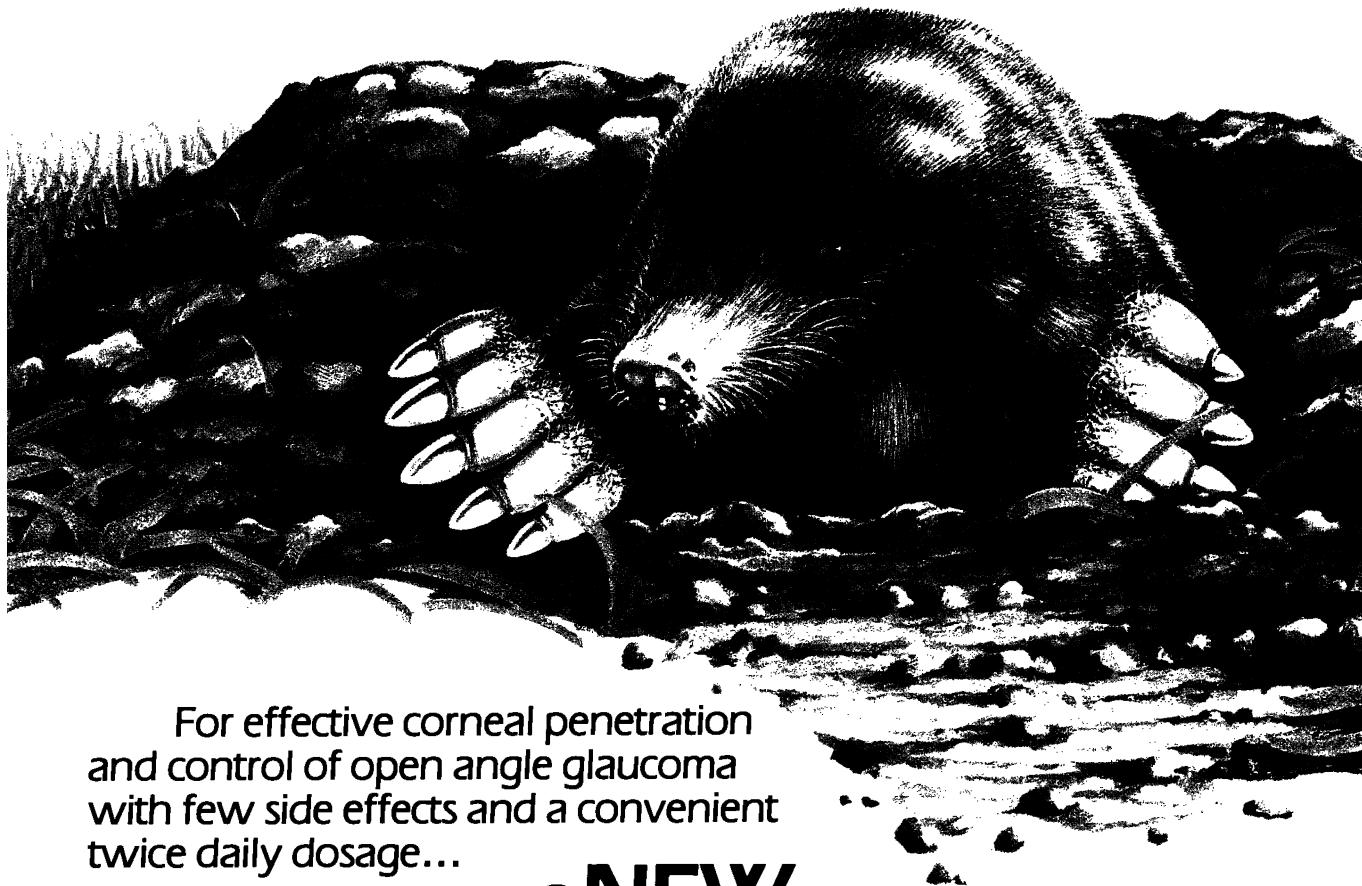
ANNOUNCING A FIRST IN THE TREATMENT OF GLAUCOMA



Propine
dipivefrin HCl

**the prodrug that
breaks new ground
in penetration...**

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

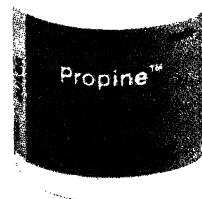
**All it took was hindsight
and a little vision**

Full prescribing information is available on request

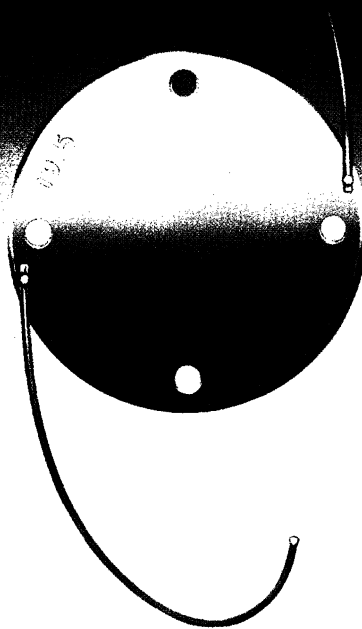
Presentation: Sterile ophthalmic solution containing dipivefrin hydrochloride (0.1%). **Uses:** For the control of intraocular pressure in chronic open angle glaucoma or ocular hypertensive patients with anterior chamber open angles. **Dosage and Administration:** The usual dosage is one drop in the 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.

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*IOLAB Model 107 Series
designed in cooperation with
Robert M. Sinskey, M.D.*

IOLAB "Sinskey" style lenses

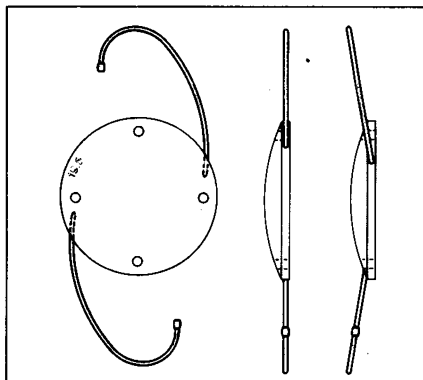
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Loop configuration designed for flexibility.

Posterior blue loops for visualization.

10° loop angle to place optic away from iris.

Rounded loop tips.



Compressible Prolene* loop suspension system.

0.4mm positioning holes.

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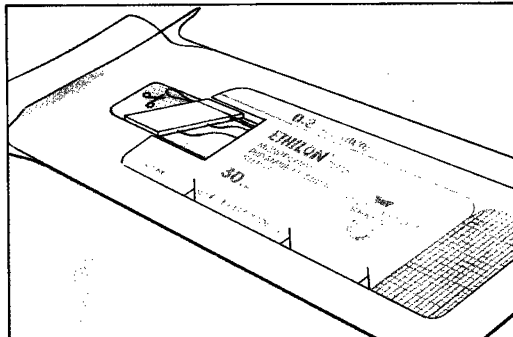


EUROPE

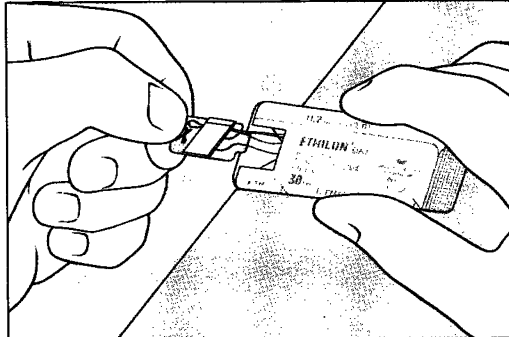
Stays sharper, longer.



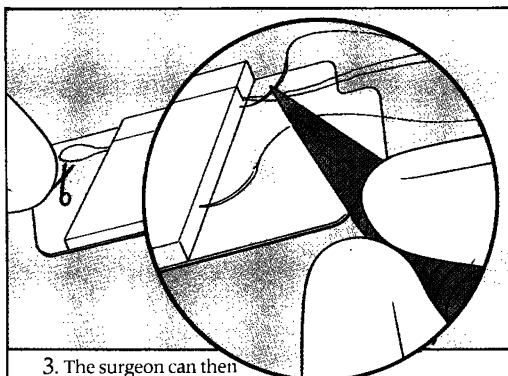
The new MICRO-POINT X spatula needle



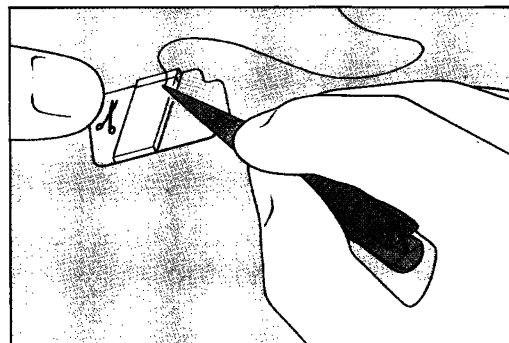
1. The outer overwrap has been removed and the sterile inner pack is placed on the trolley ready to be dispensed.



2. The inner folder has been removed from the pack and the needle foam park is being moved towards the operating field. No unwinding or handling of the delicate needle or suture is necessary.



3. The surgeon can then take the needle from its protective foam park, cutting the suture either at the mid-point as indicated by the loop or at any position along its length.



4. The foam park can be used at any time, either during the procedure to keep the needle safe within the operating field until required, or at the end for needle count and safe disposal.

In the exacting field of anterior segment surgery, higher and higher standards are being demanded.

A prime objective for Ethicon has been to improve the penetration of the eyeless needle to new levels, using advanced manufacturing techniques.

Now the new MICRO-POINT X Spatula Needle brings you that new standard—plus the ability to retain penetration, not just for the first few passes, but right through until the suture has been placed

and the incision closed.

Complementing this new needle will be a 'tangle-free' method of dispensing the suture without the need to unwind. An easily-handled needle foam park enables the suture to be brought within the field of the

operating microscope. It also provides a means of holding a partially used needle where the surgeon wants it, protected from damage but immediately ready for picking up with the needle holder.

MICRO-POINT X
spatula needle

ETHICON

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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



Lacri-Lube (petrolatum mineral oil) 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.

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 exsiccative 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 Category:* 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.

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 E. Pooley, Ph.D., Peabody Museum, Yale University.

CILCO[®]

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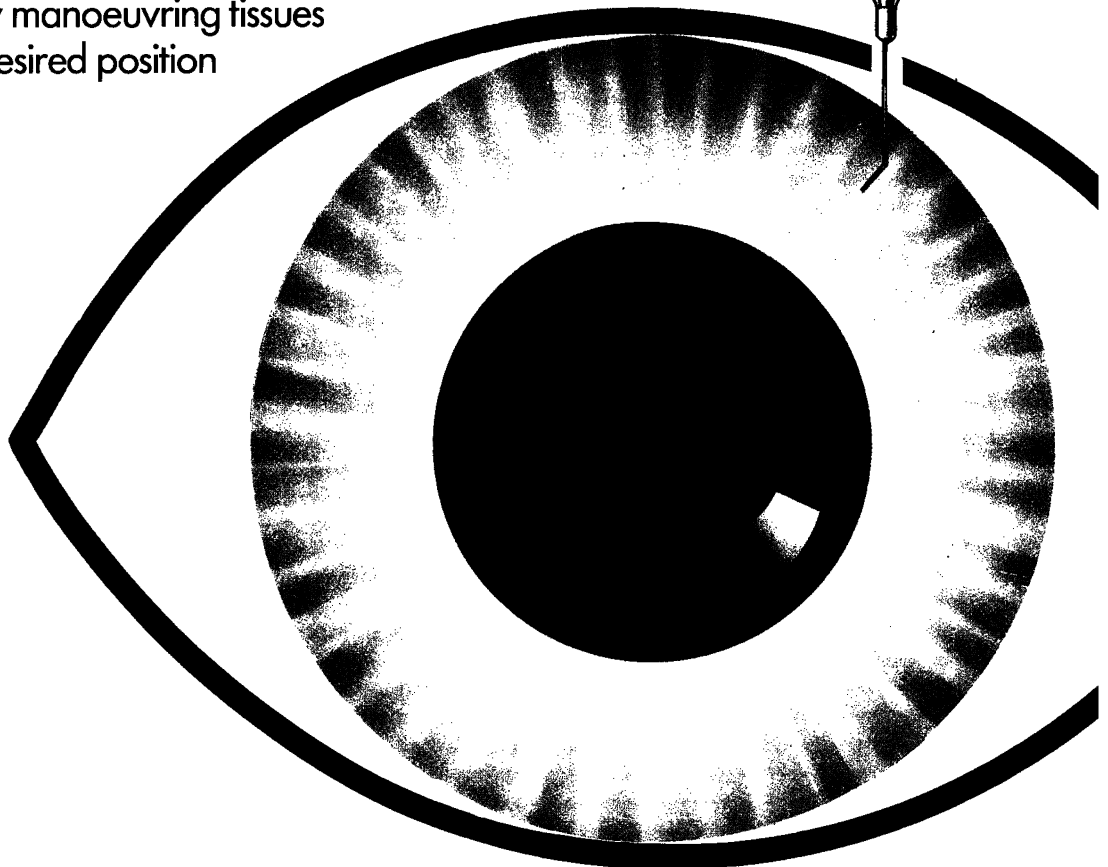
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from Pharmacia Ophthalmics.

HEALONID

sodium hyaluronate (1%)

Healonid facilitates
IOL implantation, corneal transplantation
and trauma surgery by:

- * maintaining space
- * protecting tissues
- * gently manoeuvring tissues
into desired position



HEALONID®

Healonid is a pure high molecular weight fraction of sodium hyaluronate, with visco-elastic properties that make it a unique and valuable aid to many ophthalmic surgical procedures. Injected into an open anterior chamber, it restores and maintains chamber depth to ease surgical manipulation and provides mechanical protection to delicate cells and tissues. Healonid causes no intraocular inflammation and has been described as offering the ophthalmic surgeon "...advantages and safety margins not available with any other known technique." Pape & Balazs (1980) Ophthalmology, 87, 7, 699.

PRESCRIBING INFORMATION

PRESENTATION

Disposable 0.4 ml 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 maintained, 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 or 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 NHS PRICE (May 1983)

Disposable syringes containing 0.4 ml. £26.76 each.

FURTHER INFORMATION

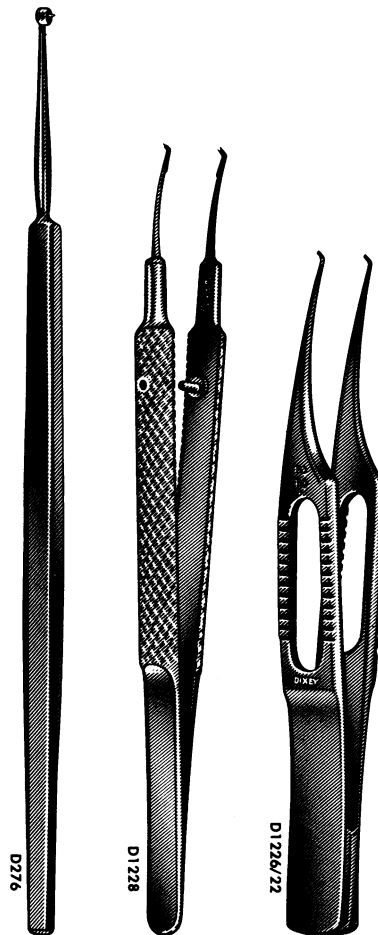
HEALONID does not interfere with the healing process. Its use may reduce incidence of synechiae and adhesions. Evidence from animal experiments indicates that HEALONID is no longer present in the anterior chamber six days after introduction.

PRODUCT LICENCE NUMBER 0009/0045.



Healonid (regd) sodium hyaluronate (1%) is a product of Pharmacia (Great Britain) Limited, Pharmacia House, Midsummer Boulevard, Milton Keynes, MK9 3HP. Telephone (0908) 661101. Further information is available on request to the company.

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D276 Govan's Depressor/Marker, Scleral

D1228 Birks Micro 'Colibri' Forceps

D1226/22 Beaked (Colibri) Micro Forceps:

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PRODUCT

A SIGNIFICANT DROP for inflammation and infection



FML - Neo

fluorometholone and neomycin

The proven efficacy of a potent ocular
steroid, with a substantially reduced
tendency to elevate intraocular pressure
combined with a broad spectrum antibiotic.

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Presentation Sterile, white, microfine ophthalmic suspension containing fluorometholone, NF 0.1%, and neomycin sulphate, BP 0.5%, equivalent to 0.5% neomycin base. **Uses** FML-Neo is indicated for the management of steroid responsive inflammation of the conjunctiva, cornea, iris and anterior segment of the globe, when the desired effect is complicated by infection with non-viral sensitive organisms. **Dosage and Administration** One to two drops in the conjunctival sac two to four times daily. Duration of initial 24 to 48 hours, the dosage may be safely increased to one drop every four hours. Care should be taken not to discontinue treatment prematurely. Shake well before using. **Contra-indications, Warnings, etc.** Acute untreated purulent ocular infections. Acute superficial herpes simplex (dendritic keratitis), toxicoma, corneal and most other viral diseases of the cornea and conjunctiva. Ocular tuberculosis. Initial diseases of the eye and those sensitive to any of the components of the drug. **Warnings** In diseases due to micro-organisms resistant to neomycin, infection may be masked, enhanced or activated by the steroid. Prolonged use may result in overgrowth of non-sterile epibiotic organisms. Articles in current medical literature indicate an increase in the prevalence of persons sensitive to neomycin. The prescriber should be aware of this. If sensitivity to other unrelated reactions occur, discontinue the medication. As fungal infections of the cornea have been reported, contact with long term steroid applications, fungal infections may be suspected in long persistent corneal deterioration where a steroid has been used, or is in use, over a prolonged period of time. In these diseases causing blurring of the cornea, perforation has been known to have occurred with the use of topical steroids. Acute purulent untreated infections of the eye may be masked, enhanced or activated by the presence of steroid medication. Secondary ocular infection may occur from pathogens liberated from ocular tissues. Use of steroid medication in the presence of stromal herpes simplex requires great caution. Frequent slit lamp microscopy is required. Reports of the literature indicate that posterior subcapsular lentigenes may have occurred after long or protracted use of topical ophthalmic corticosteroids. Eye drops containing corticosteroids should not be used for more than one week except under strict ophthalmic supervision with regular determination of intraocular pressure. This preparation contains benzalkonium chloride and should be used with caution in association with hydrophilic contact lenses. **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 prolonged use of topical steroids during pregnancy has not been substantiated. Local side effects of steroid therapy, i.e. skin atrophy, striae and telangiectasia, are especially likely to affect face, skin. **Pharmaceutical Precautions** Shake well before using. Do not freeze. **Legal Category** POM **Package Quantities** Available in 5ml plastic dropper bottles. Bulk NHS Contract or Amprint 1000, 12, 500, 1000. PL 0426 (0043) Full prescribing information is available on request.

FMNE2

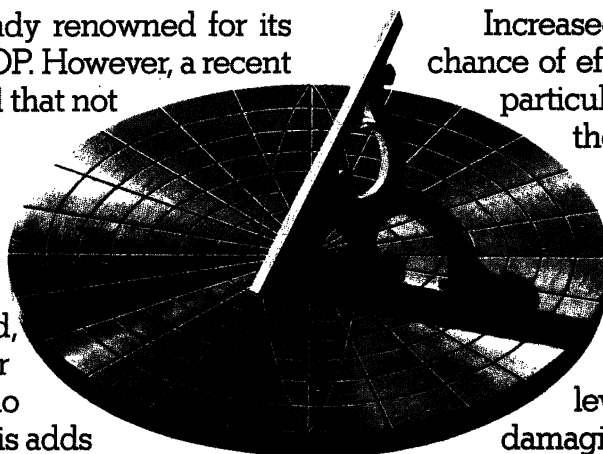
GLAUCOMA.

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 study¹ 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.

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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.

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Timolol maleate, MSD

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



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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.

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with considerably less risk of
increasing intraocular
pressure¹ when compared
with other steroids^{2,3,4,5}.

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Bucks HP12 3NR



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 these 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 the cornea are particularly prone to develop considerably with long term local 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, i.e. 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 5 ml and 10 ml. Base NHS cost (as at August 1982) 5 ml £1.62, 10 ml £2.57. PL 0426/0028. Full prescribing information is available on request. **References:** 1. Gastrovino, R. Proceedings of 7th Ann. Meeting Am. Acad. Ophthalmol. Otolaryngol. (1974) October 2. Faris, W.D., Thorson, J.C., Arch. Ophthalmol. (1971) 86, 138-141. 3. Kitazawa, Y. Am. J. Ophthalmol. (1976) 82, 3, 492-495. 4. Stewart R.H., Kimbrough, R.L., Arch. Ophthalmol. (1979) 97, 2139-2140. 5. Mendel, J.S., et al. Arch. Ophthalmol. (1980) 98, 1577-1578.

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17-21 September 1984
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Residential accommodation for a limited number will be available at Mansfield College.

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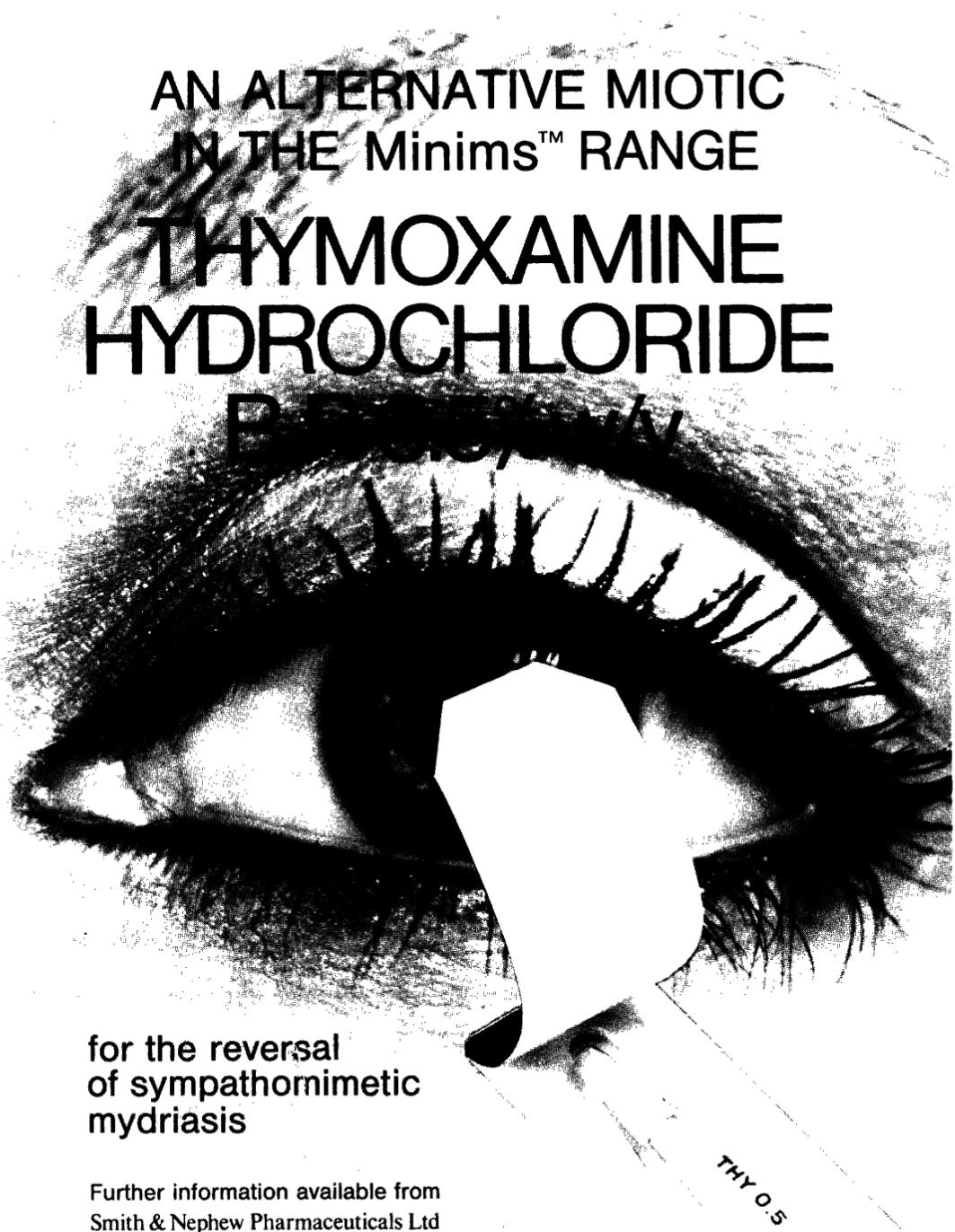
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