# The Journal of Laryngology and Otology

EDITED BY
SIR GEOFFREY BATEMAN

ASSISTANT EDITOR
LIONEL TAYLOR

#### Contents

Skin flaps in head and neck surgery P. M. STELL, D. E. JOBBINS and A. G. MARAN	419
Ultrastructure of the middle ear mucosa in chronic	
suppurative otitis media E, Hentzer	447
Ultrastructure of normal and pathological middle	
ear mucosa G. Brémond and A. Coquin	451
The pathogenesis of idiopathic haemotympanum . K. Bak-Pedersen and M. Tos	473
Assessment of the results in tympanoplasty . M. Tos	487
Edward Woakes: the history of an eponym R. TH. R. WENTGES	501
Clinical records—	
Chondrosarcoma of the hard palate G. GREGORIADES	513
Impacted foreign body of retropharyngeal space . K. R. GUPTA, P. K. KAKAR	
Regist pair as the fact appropriate and P. S. SAHARIA	519
Facial pain as the first symptom in acoustic neuroma R. J. PAYTEN	523
Lymphosarcoma of larynx T. S. Dogra	535
General notes	543

#### Headley Brothers Ltd

Ashford, Kent

## The Journal of Laryngology and Otology

(Founded in 1887 by Morell Mackenzie and Norris Wolfenden)

#### SIR GEOFFREY BATEMAN

ASSISTANT EDITOR

r. Original articles which have not been published elsewhere are invited and should be sent to the Editor. They are considered for publication on the understanding that they are contributed to this Journal solely. Reproduction elsewhere, in whole or in part, is not permitted without the previous written consent of the Author and Editor and the customary acknowledgement must be made.

2. Manuscripts should be typewritten, on one side only of the paper, and well spaced. Captions to illustrations should be typed on a separate sheet and sent at the same time as original photographs, etc.

The Harvard system of recording references should be used, e.g. Green, C., and Brown, D. (1951), Journal of Laryngology and Otology, 65, 53. The titles of all Journals should be given without abbreviation.

It is most important that authors should verify personally the accuracy of every reference before submitting a paper for publication.

- 3. Galley proofs and engraver's proofs of illustrations are sent to the author. Corrections, which should be kept to a minimum, must be clearly marked, and no extra matter added. Proofs should be returned within 5 days.
- 4. Illustration blocks will normally be held by the Printers for three years, after which they will be destroyed. Any author is entitled to have these returned to him, but a request for this must be sent within three years of the appearance of the article, to Headley Brothess Ltd., The Invicta Press, Ashford, Kent. Coloured illustrations will be charged to authors, unless a special grant is authorized by the Editor.
- 5. Orders for reprints must be sent when returning galley proofs, and for this purpose special forms are supplied.
- 6. Editorial communications may be addressed to The EDITOR, Journal of Laryngology, c/o Headley Brothers Ltd., The Invicta Press, Ashford, Kent.
- 7. The annual subscription is £8 (eight pounds sterling) post free; U.S.A. \$23 post free, and payable in advance.
- Single copies of current or back numbers (when available) will be on sale at £1 (including postage) each.
- 9. All subscriptions, advertising and business communications should be sent to the publishers, or subscription agents.

#### HEADLEY BROTHERS LTD.

The Invicta Press, ASHFORD, Kent.

O Journal of Laryngology and Otology Ltd., 1972

## **AMPLIVOX 84**

# The successor to the world's most widely used clinical Audiometer.



## Take a look at all the advantages you get with this superb audiometer.

- Pure tone at eleven frequencies—now including 750 Hz
- Bone conduction at eight frequencies
- Narrow band masking via insert and headphones Automatic presentation
- ISO specification
- Trimpot calibration
- Continuously variable second channel for ABLB (Fowler) recruitment test
- Tone decay test
- Illuminated patient's signal

PLUS Calibrated speech audiometry via microphone or tape.

Write now for illustrated brochure to:

#### **AMPLIVOX HEARING CONSERVATION LTD**

Beresford Avenue, Wembley, Middx. HAO 1RU. Phone: 01-902 8991



#### clears both fungi and bacteria in ear infections

Candida albicans and Aspergillus niger are isolated in over 20 per cent of cases of otitis externa, and if high success rates are to be achieved treatment must take account of this. Otoseptil® ear drops employs a very broad-spectrum attack with efficient anti-inflammatory action.

The new antibiotic ester-neomycin undecylenate-provides potent dual bactericidal and antifungal activity.

Tyrothricin (containing gramicidin and tyrocin) effectively eliminates resistant Grampositive cocci, while Hydrocortisone alcohol exerts its characteristic anti-inflammatory action. Rapid tissue contact is ensured by the penetrant Ethylene oxide polyoxypropylene glycol condensate, which is incorporated in the clear liquid ear drop.

glycol condensate, which is incorporated in the clear liquid ear drop.
For pain relief, AUDAX\* ear drops may be used concomitantly with Otoseptil\* ear drops because they are completely miscible and compatible.

Full information is available on request.

Registered trade marks





## PETERS

Audiometers and Sound Proof Rooms for clinics, hospitals, schools and factories all over the world

Literature and further information from:

#### **PETERS**

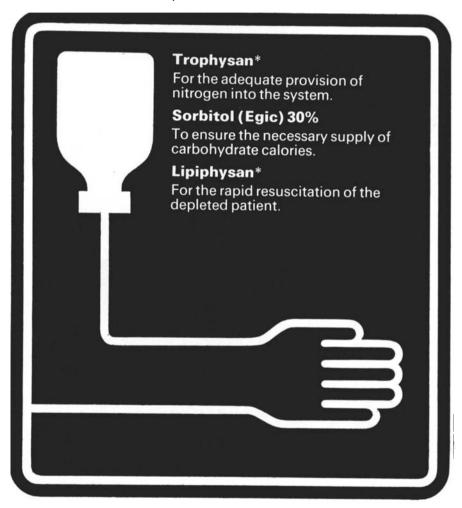
Head Office: 55 Clarkehouse Road, Sheffield S10 2LE Telephone 0742 64434 Regional Sales and Service Centres

London: 45 New Cavendish Street, London W1 Telephone 01-935 2604

South West England: 7 St. Augustine's Parade, Bristol BS1 4 HX Telephone 0272 20737

## Parenteral nutrition in thoracic surgery

When diseases such as oesophageal carcimoma or cancer of the lungs or bronchi require surgical intervention the patient may often be severely debilitated. Inability or unwillingness to accept oral feeding means that parenteral nutrition must be used both before and after surgery. By this technique metabolic equilibrium is restored, the more rapid healing of wounds ensured, and resistance to secondary infection increased. All is made more certain by the use of SERVIER parenteral nutritional solutions.



#### Where nutritional deficiency is the problem Servier has the solution



For full information and literature write to:

S.558.2

Servier Laboratories Limited Percival House, Pinner Road, Harrow, Middlesex HA1 4HQ.

\*Trade Mark



## All she needs is a little squeeze.

All she needs is Audicort. Because Audicort acts quickly, gently to soothe and relieve troubled ears.

Its non-aqueous, oily base allows greater miscibility with ear oils and waxes. So the medicaments stay in close, soothing contact with inflamed surfaces.

Audicort is sterile too. Its integrated squeezy contains is is is integrated squeezy contains is is is integrated squeezy contains is is is integrated of Great Britain Ltd., Bush House, London WC2B4PU protects the solution from contamination.

So put her on Audicort. And watch her ears pick up.

### Audicort."

5 ml dropper bottle.

(Tederle Laboratories.

Research for British Medicine.

#### Oto-, Rhino-, Laryngology

Important, up-to-date, and scientifically accurate abstracts of reports from the world's biomedical literature dealing with Oto-, Rhino-, Laryngology are brought to your desk in this monthly publication.

First published in 1948,

Oto-, Rhino-, Laryngology currently contains some 4,750 abstracts each year.

#### MAIN CHAPTER HEADINGS

- 1. SKULL
- 2. FACE AND LIPS
- 3. MOUTH
- 4. TONGUE
- 5. SALIVARY GLANDS
- 6. NECK
- 7. PHARYNX
- 8. ESOPHAGUS
- 9. LARYNX
- 10. TRACHEA
- II. BRONCHI, LUNGS, MEDIASTINUM
- 12. OLFACTORY SYSTEM
- 13. EXTERNAL NOSE
- 14. NASAL CAVITY
- 15. NASAL SEPTUM

- 16. NASOPHARYNX
- 17. NASAL SINUSES
- 18. EXTERNAL EAR
- 19. MIDDLE EAR
- 20. INTERNAL EAR
- 21. OTOSCLEROSIS
- 22. MENIERE DISEASE
- 23. FACIAL NERVE
- 24. VESTIBULAR SYSTEM
- 25. CEREBELLOPONTINE ANGLE TUMORS
- 26. HEARING
- 27. SPEECH
- 28. PHONIATRICS
- 29. ANESTHESIA

Specimen copies are available on request.

Annual Subscription Rate: U.S. \$50.00/£20.95. Sterling/Dfl. 180,00

#### EXCERPTA MEDICA

Herengracht 119-123, Amsterdam, The Netherlands

# SUDAFED nasal decongestant

## The efficacy of SUDAFED as a decongestant has recently been demonstrated:

"In a double blind trial, oral pseudoephedrine (60 mg) was shown to produce a significant increase in maximal nasal flow..."

Europ J clin Pharmacol, (1971) 3, 182

Unlike many decongestants SUDAFED\* does not cause drowsiness because it contains no antihistamine. SUDAFED leaves your patient breathing clearly and thinking clearly.

Each SUDAFED tablet contains 60 mg of pseudoephedrine hydrochloride.

Also available: SUDAFED Elixir containing  $30~{\rm mg}$  pseudoephedrine hydrochloride in each  $5~{\rm ml}$ .

\*Trade Mark



Full information is available on request.

Calmic Limited, Medical Sales Division
(The Wellcome Foundation Ltd.) Dartford, Kent, DA1 5AH

#### UMARETA (SECONIA) UMETA (SECONIA) UMARETE (SECONIA)

#### Series 3050 Electronystagmograph

The series 3050 Electronystagmograph is the most notable advance in the field of vertigo diagnosis to date. This portable, compact unit provides new high definition fine line recordings from direct writing heated stylus, easy chart loading with minimal chart waste, and dual speed drive, 5 and 10 mm per sec. Nystagmus duration and intensity are recorded free of distortion or artifact thanks to highly stable, high performance circuitry. Patient safety stringently observed.

The 3050 electronystagmograph is another product of Watson Victor's long experience—it's fully transistorised and measures a most compact 12" x 12" x 5". Power requirements: 240 Volt 50Hz or 110 Volt 60Hz. This includes the powering of inbuilt calibration lights.

U.K. Distributors: Amplivox Limited, Beresford Avenue, Wembley, Middlesex, HAO IRU.





#### Watson Victor Ltd.

95 Epping Rd, North Ryde, NSW 2113, AUST.

Please forward me further information on the Cardiotrace 3050 Electronystagmograph

Name

Address

SPS9.411.486A

#### THE LARYNGOSCOPE

A Monthly Journal devoted to the disease of EAR, NOSE AND THROAT

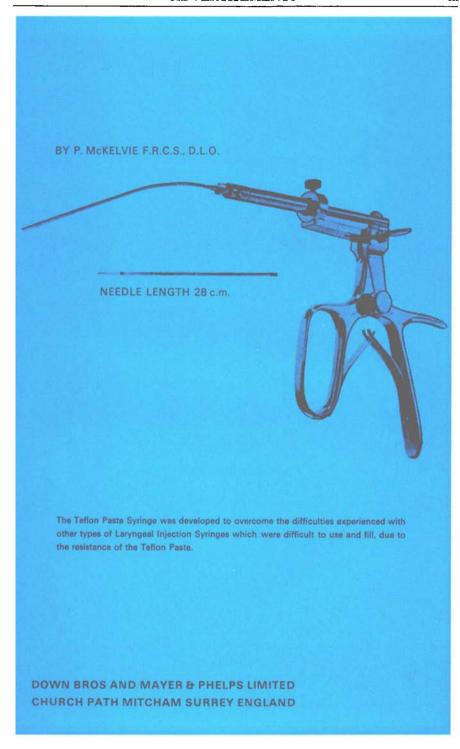
Official organ for the American Laryngological Rhinological and Otological Society

Price \$25.00 per year Canada \$27.00 per year Foreign \$27.00 per year

ESTABLISHED 1896

Joseph H. Ogura, M.D. Editor

222 PINE LAKE ROAD, COLLINSVILLE, ILLINOIS 62234



#### Special features include:

1 Compact design with high intensity coaxial illumination 2

Motorised zoom
continuous magnification
changer controlled by a
new single foot pedal

Motorised fine focus control operated by the same foot pedal – leaving both hands free for surgery

Built-in geared tilting for accurate alignment of the microscope head

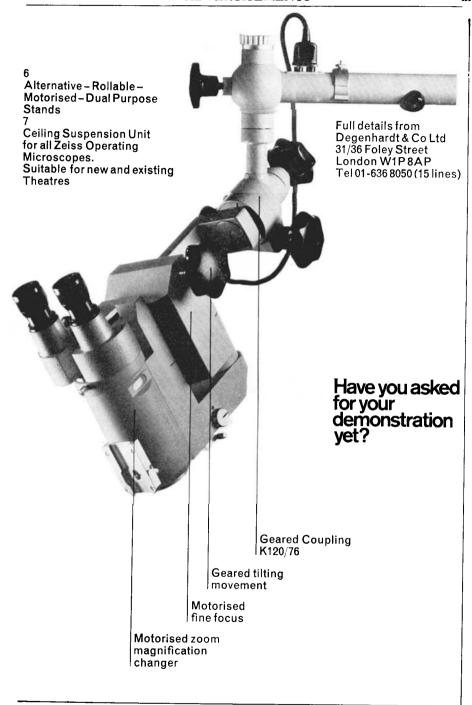
5 Coupling K120/76 with geared angling movement of the microscope head.

## New

## Zeiss Operating Microscope 6









# THERE IS NOTHING NEW ABOUT calgitex\* E.N.T. RIBBON GAUZE



Used extensively by E.N.T. surgeons throughout the world. Calgitex is highly suitable for packing procedures due to its soft texture, and slow absorption rate

- \*Extensive compatability with antibiotics
  - \*Non-adherent dressing.
  - \*Easy and painless removal.

Please send coupon for samples and literature:-

Medical Alginates Limited. Wadsworth Road, Perivale, Middlesex, England.
NAME
ADDRESS
Please send me samples and literature of Calgitex ENT Ribbon Gauze

MEDICAL ALGINATES LTD. Wadsworth Road, Perivale, Middlesex. Tel. 01-997 4441

A member of the Optrex Group

\*Reg'd Trade Mark

## British evidence confirms value of

serc

in Meniere's syndrome

Serc is the first drug to offer comprehensive action against all the manifestations of Meniere's syndrome. A British trial\* now confirms its clinical value. Objective tests of hearing and vestibular function in 11 patients before and after treatment with Serc showed a dramatic improvement in many cases. There was an overall average gain in hearing over the whole group in both ars.' Studies of nystagmus suggested an improvement in vestibular function. ubjectively, 9 out of 11 patients claimed improvement in the symptom of vertigo and all 11 claimed reduction in tinnitus." ournal of Laryngology and Otology, 1971, 85:369.

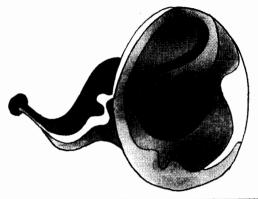
> Serc is supplied as tablets each containing 8 mg. betahistine dihydrochloride. Further information available on request.

SCIC: the first and only specific treatment for Meniere's syndrome

DUPHAR LABORATORIES LIMITED BASINGSTOKE HANTS, TEL 0256 26351



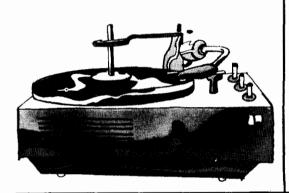
for old ears



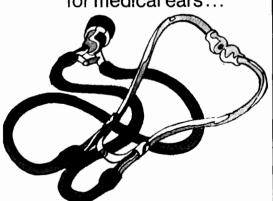
for musical ears...



for mysterious ears...



for medical ears...



for patient ears...

Anti-infective/anti-inflammatory, OTOSPORIN\* Drops contain polymyxin B sulphate, neomycin sulphate and hydrocortisone. Supplied in dropper bottles of 5 ml.



## OTOSPORIN clears infected ears



Wellcome Burroughs Wellcome & Co. (The Wellcome Foundation Ltd.) Dartford, Kent

