Vol. LXXXIII No. 7

The Journal of Laryngology and Otology

EDITED BY G. H. BATEMAN

ASSISTANT EDITOR LIONEL TAYLOR

Contents

A preliminary study of a small personal series of		
stapedectomy	J. D. K. DAWES and A. R. CURRY	641
Stapedectomy	IAN P. MUNRO	655
Treatment of hereditary telangiectasia	W. H. BRADBEER	667
Complications encountered in head and neck surgery	P. M. STELL	671
Nasal airway resistance	L. H. CAPEL	681
Trans-antral ethmoid decompression in malignant exophthalmos	PHILIP H. GOLDING-WOOD	683
Basic audiological requirements in neuro-otology .	J. D. Hood	695
Clinical records—		
Chloroma of the nose , , , , ,	S. K. VISHWAKARMA and M. L. BHATIA	713
Cavernous haemangioma of the parotid gland .	P. CHATTERJI, M. L. SHARMA and S. K. SOGANI	. 717
Disturbances in the central vestibular system after oral contraceptives	Erik Peitersen	725
Electro-olfactograms in man	P. Osterhammel, K. Terkildsen and K. Zilstorff	731
Xylocaine and its effect on vertigo	A. COYAS and M. BOSSINACOU	735
General notes		

Headley Brothers Ltd Ashford, Kent

Annual Subscription £5/5/0 net, U.S.A. \$15 https://doi.org/10.1017/S0022215100070778 Published online by Cambridge University Press Monthly, 12/6 net, post free

The Journal of Laryngology and Otology

(FOUNDED in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY G. H. BATEMAN

ASSISTANT EDITOR LIONEL TAYLOR

1. 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 acknowledgment 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, 33. The title 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 BROTHERS 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 five guineas sterling (U.S.A. \$15) post free, and payable in advance.

8. Single copies will be on sale at 12s. 6d. each; copies of parts up to Vol. LXIII which are available may be purchased at 7s. 6d. each.

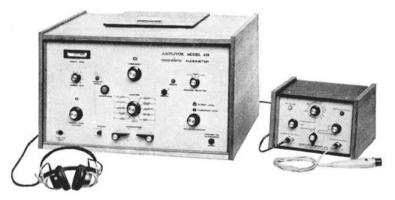
9. All subscriptions, advertising and business communications should be sent to the publishers, HEADLEY BROTHERS LTD., The Invicta Press, Ashford, Kent.

United States of America

Orders for this *Journal* may be sent through local booksellers, or to STECHERT-HAFNER, INC., 31-33 East 10th Street, New York, or direct to the publishers, HEADLEY BROTHERS LTD., The Invicta Press, Ashford, Kent, England.

O Journal of Laryngology and Otology, 1969

Announcing ... an Audiometer of exceptional distinction



THE **AMPLIVOX** MODEL 103 DIAGNOSTIC AUDIOMETER to ISO Specification R389:1964

A sophisticated design for the comprehensive evaluation of hearing acuity and the differential diagnosis of hearing impairments

- * Easy-to-use controls for all tests from simple clinical to advanced research levels
- * Narrow band masking for pure tone, wide band white noise for speech
- * Unique masking threshold indicator
- * Plug-in Adaptor for SISI and Lüscher Tests
- * Unique Patient's Signal assists subject's concentration
- * Photo-electric switching for noise-free operation
- * Twin channel facilities with multiple switching for dozens of tests
- * Plug-in circuit boards for ease of service
- * Output for free field audiometry

Please write for technical literature



Hearing Centres, Ltd Beresford Avenue, Wembley, Middx. Tel: 01-902 8991

Refer your patients to Ingrams Independent HEARING AID SUPPLIERS

Ingrams have the different makes to choose from

LONDON	2 Shepherd Street, London, W.1. (2 minutes from Green Park)	Hyde Park 9041	
BIRMINGHAM	20 Auchinleck Sq, Broad St, Birmingham, 15. (In the Five Ways Shopping Centre)	Midland 4314	
BRIGHTON	5 Duke Street, Brighton, 1, (First turning off West Street)	Brighton 28699	
CROYDON	11 Essex House, College Road, Croydon. (Opposite the Technical College)	Croydon 4663	
MANCHESTER	Mansfield Chambers (Rooms 21 & 22), 17 St. Anne's Square, Manchester, 2. (<i>Off Deansgate</i>)	Blackfriars 4104 (STD Code 061-834 4104)	
and in SCOTLAND it's BONOCHORD-INGRAMS			
ABERDEEN	461 Union Street, Aberdeen. (Near Holborn Junction)	Aberdeen 29632	
EDINBURGH	17 Stafford Street, Edinburgh. (Corner of Alva Street)	Caledonian 1942	
GLASGOW	38 Bath Street, Glasgow, C.2. (Next door to Glasgow Corporation Transport Office)	Douglas 7710	
Domiciliary visits in EVERY part of the country. INGRAMS FOR THE <u>LARGER</u> RANGE OF HEARING AIDS— Subscribers to the Code of Ethics of the Hearing Aid Industry Association.			

WHEN A HEARING AID IS RECOMMENDED REFER YOUR PATIENTS TO THE EXPERTS—

AMPLIVOX

Hearing Aids

A wide selection of hearing aids always available from the world's manufacturers. We are the exclusive agent in the United Kingdom and Eire for Dahlberg, U.S.A., in addition to Amplivox.

Ear Defenders

All types of ear defenders available at all branches.

Medical Acoustic Division

Audiometers, Acoustic Booths, Group and Speech Training Hearing Aids. We are the exclusive agent for the United Kingdom and Eire for Tracor, U.S.A.

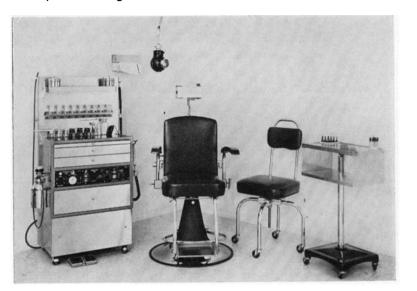
FOR YOUR PATIENTS' GREATEST SATISFACTION SPECIFY AMPLIVOX HEARING CENTRES, THE ONLY COMPANY IN THE WORLD MANUFACTURING AND SUPPLYING A COMPLETE RANGE OF EQUIPMENT FOR THE PREVENTION, TESTING AND ALLEVIATION OF DEAFNESS

AMPLIVOX HEARING CENTRES 80 NEW BOND STREET, LONDON, W.1. TEL.: 01-493 9888

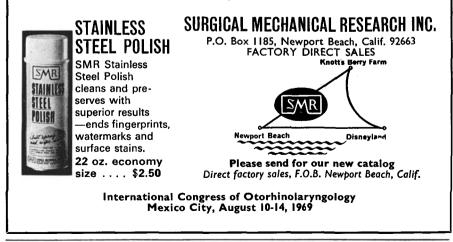
Branches at: London · Birmingham · Bournemouth · Bristol · Cardiff · Dublin Edinburgh · Glasgow · Leeds · Liverpool · Manchester · Newcastle · Wembley

Specifically designed for you and your patients. Precision-engineered, functionally-built equipment for the Ear, Nose and Throat and other Specialists.

S.M.R. keeps you and your patients' comfort and satisfaction in mind. Whatever your needs . . . whether they be for one unit or a completely equipped treatment room, you are assured of the finest . . . a room that reflects professional good taste.



Picture shows what can be done with small treatment room areas. The rooms are complete from the compact treatment unit to the physician's stool. Yet, this equipment fits easily and functionally into a small area. This is just one of many room arrangements available from S.M.R.



Please mention The Journal of Laryngology and Otology when replying to advertisements

iv

What clinicians
say about
ORBENIN

Clinicians have frequently testified to the success of Orbenin in the treatment of Gram-positive infections. World Literature now contains over 400 references to Orbenin.

Pneumonia 🗌 Lung Abscess 🗍 Tonsillitis 🗋 Pharyngitis 🗋 Acute bronchitis

Septicaemia

Boils Carbuncles Infected dermatoses

Osteomyelitis C Osteitis

Post-operative wound infections 🗌 Burns 🗍 Skin graft protection

Acute endocarditis

Staphylococcal enterocolitis []] Staphylococcal urinary tract infections Staphylococcal meningitis

Dosage

Adults: 500mg (2 capsules) four times daily, by mouth. 250mg (1 vial) by intramuscular injection, four times daily.

Children: Under 2 years—quarter adult dose. **2-10** years—half adult dose.

In severe infections the dosage may be increased.

Contra-indications

Orbenin should not be given to patients with a penicillin allergy or administered by subconjunctival injection.

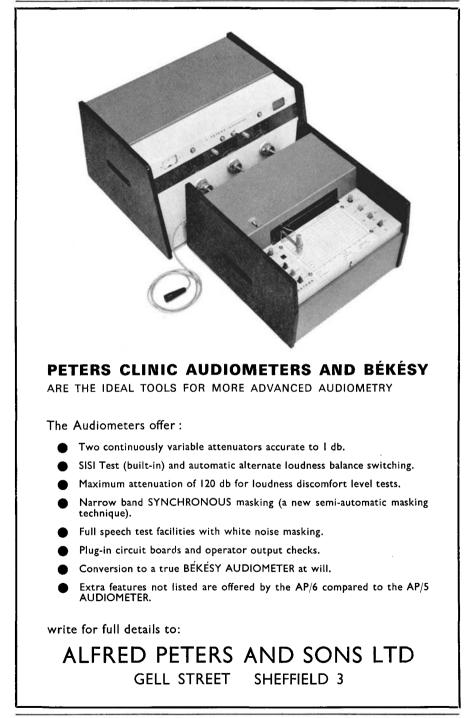
Side-effects As with other penicillins.

Additional information is available on request.

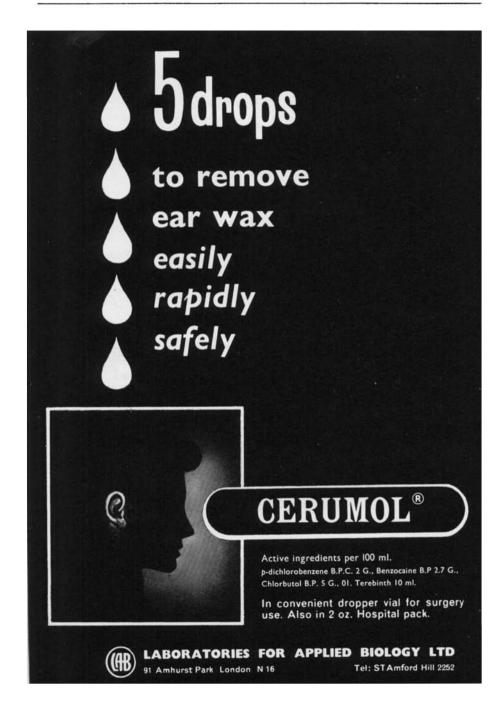


Orbenin (Regd.) (cloxacillin sodium BP) is a product of British research at **Beecham Research Laboratories** Brentford, England. originators of the new penicillins.





Please mention The Journal of Laryngology and Otology when replying to advertisements



Please mention The Journal of Laryngology and Otology when replying to advertisements

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 \$18.00 per year Canada \$19.00 per year Foreign \$19.00 per year

Established 1896

THEODORE E. WALSH, M.D. EDITOR

517 SOUTH EUCLID AVENUE SAINT LOUIS MO. 63110.



P. C. WERTH LTD. Contractors to H.M. Government and Local Authorities

Specialist Supply, Maintenance, Calibration Services for Audiological Test and Teaching Equipment

17 STRATFORD PLACE, OXFORD ST., LONDON W1N ODH Telephone: 01-629 5559

Clinical, Diagnostic, Screening and Bekesy Audiometers. Acoustic Impedance Apparatus. Stereo Auditory Trainers. Visible Speech Apparatus. Artificial Mastoid, etc.

With extended specification to incorporate:

- Fowler Loudness Balance Facility.
- Continuous and Pulsing Tone for Air and Bone Conduction.
- Attenuator Range—10dB to 120dB.
- Complete facilities for Monitored Live Voice and Free Field Audiometry.
- Battery or Mains Powered.
- All equipment fully guaranteed.

Full Service and Calibration facilities on our own premises. New Kamplex Portable Audiometer Type TA152



Please mention The Journal of Laryngology and Otology when replying to advertisements

ix



'Otosporin' rapidly destroys virtually *all* bacteria commonly found in ear infections, reduces irritation, inflammation and pain. 'Otosporin' brand Drops contain polymyxin B sulphate, neomycin sulphate and hydro-cortisone in a bland suspension designed to facilitate penetration. Issued in bottles of 5 ml.



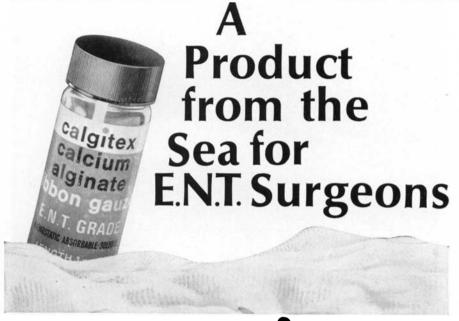
Full information is available on request.



Burroughs Wellcome & Co. London (The Wellcome Foundation Ltd.)



xi



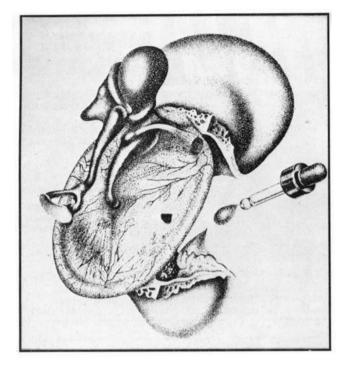
*calgitex

Calgitex calcium alginate E.N.T. Gauze is made from highly purified specially processed calcium alginate, derived from seaweed. This product is used extensively by E.N.T. surgeons throughout the world, it has a slow absorption rate, and can be easily removed from the nose without effecting or damaging the tissue.

In the field of aural surgery Calgitex is highly suitable for packing procedures due to its solubility, soft texture, and discouragement of haemorrhage.

Packed in vials containing one metre of ribbon gauze. Obtainable from your usual Surgical or Pharmaceutical Supplier

MEDICAL ALGINATES LTD. Wadsworth Road, Perivale, Middlesex. Tel. 01-997 4441 A member of the Optrex Group *Reg'd Trade Mark



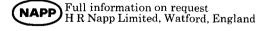
Any earache, any age newAUDAX Ear Drops relieves pain in minutes

AUDAX* formulation is unique providing choline salicylate—a very effective local analgesic anti-inflammatory and anti-pruritic agent with its own spectrum of anti-microbial action together with a penetrant to assure direct contact with the painful area.

analgesic, antimicrobial anti-inflammatory, anti-pruritic

AUDAX Ear Drops are indicated in the following clinical conditions acute and chronic otitis media, acute and chronic otitis externa, inflammation in the external auditory canal, and for the relief of pruritus and pain of boils and furuncles in the external auditory canal.

AUDAX Ear Drops contain no sensitising or irritant constituents.



*AUDAX is a regd_trade mark. A new product of Napp Group Research—dedicated to Physician and Patient.