The Journal of Laryngology and Otology

EDITED BY
G. H. BATEMAN

ASSISTANT EDITOR LIONEL TAYLOR

Contents

POLYTOMOGRAPHY OF THE TEMPORAL BONE (ABRIDGED)	F. G. M. Ross
CLINICAL APPLICATIONS OF POLYTOMOGRAPHY OF THE TEMPORAL BONE	H. D. FAIRMAN
POLYTOMOGRAPHY IN OTOLARYNGOLOGY	J. Angell James
Some Problems of Therapy of Ectopic Salivary Tumours with Case Reports of Rare	
EXAMPLES	T. McM. Boyle -
WEGENER'S GRANULOMATOSIS	H. Ludman
PRIMARY SPONTANEOUS CEREBROSPINAL RHINORRHŒA	ALAN BRACEWELL and RICHARD CARTER
CHICKENPOX AND HERPES ZOSTER OTICUS	R. Naessen
CLINICAE RECORDS—	
A CYST OF THE FIRST BRANCHIAL CLEFT	IAIN KERR
MIXED SALIVARY TUMOUR-AN UNUSUAL BI-	
FOCAL ORIGIN	GRAEME G. ALLAN and V. P. SACHDEV
A Case of Wegener's Granulomatosis	M. D. LEE
COMPLETE BILATERAL DEAFNESS FOLLOWING	
Mumps	L. N. Prasad
Societies' Proceedings—	
ROYAL SOCIETY OF MEDICINE—SECTION OF OTOLOGY	
SCOTTISH OTOLARYNGOLOGICAL SOCIETY	
General Notes	

London

Headley Brothers

109 Kingsway WC2

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 undershould 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) J. Laryng., 65, 33. Abbreviations of Journals should follow the style recommended in World Medical Periodicals, published by World Health Organization, 1952.

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 are provided free up to the limit of fio per article; beyond this authors are expected to pay half the cost. Coloured illustrations will

be charged in full to authors.

Blocks will normally be held by the Printers for three years after which they will be destroyed. Any author who has borne a part of the cost of his blocks 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, 109 Kingsway, London, WCz.

5. Orders for reprints must be sent when returning galley proofs, and for this

purpose special forms are supplied.

6. Authors of original communications on Oto-Laryngology in other journals are invited to send a copy, or two reprints, to the Journal of Laryngology. If they are willing, at the same time, to submit their own abstract (in English,

French, Italian, or German) it will be welcomed.

7. Editorial communications may be addressed to The Editor, Journal of Laryngology, c/o Headley Brothers, 109 Kingsway, London, WC2.

8. The annual subscription is four guineas sterling (U.S.A. \$13) post free, and is payable in advance,

9. Single copies will be on sale at 10s. od. each; copies of parts up to Vol.

LXIII which are available may be purchased at 7s. 6d. each.

10. All subscriptions, advertising and business communications should be sent to the publishers, Headley Brothers, 109 Kingsway, London, WC2.

United States of America

Orders for this Journal may be sent through local bookseller, or to STECHERT-HAFNER, INC., 31-33 East 10th Street, New York, or direct to the publishers, Headley Brothers, 109 Kingsway, London, WC2, England. O Journal of Laryngology and Otology, 1963

CONTENTS

	PAGE
Polytomography of the Temporal Bone, Dr. F. G. M. Ross .	737
Clinical Applications of Polytomography of the Temporal Bone. H. D. Fairman	749
Polytomography in Otolaryngology. J. Angell James (Bristol) .	752
Some Problems of Therapy of Ectopic Salivary Tumours with Case Reports of Rare Examples. T. McM. Boyle .	759
Wegener's Granulomatosis. H. Ludman (London)	771
PRIMARY SPONTANEOUS CEREBROSPINAL RHINORRHŒA. Alan Bracewell and Richard L. Carter (London)	777
CHICKENPOX AND HERPES ZOSTER OTICUS. R. Naessen (Edinburgh)	783
CLINICAL RECORDS— A CYST OF THE FIRST BRANCHIAL CLEFT. Iain Kerr (Glasgow) MIXED SALIVARY TUMOUR—AN UNUSUAL BI-FOCAL ORIGIN. Graeme G. Allan and V. P. Sachdev (Taunton)	789 798
A Case of Wegener's Granulomatosis. M. D. Lee (Stockport)	802
Complete Bilateral Deafness following Mumps. L. N. Prasad (Kathmandu, Nepal)	809
Societies' Proceedings— Royal Society of Medicine—Section of Otology	812
SCOTTISH OTOLARYNGOLOGICAL SOCIETY	813
General Notes	817

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 \$15.00 per year Canada \$15.50 per year Foreign \$16.00 per year

MAX A. GOLDSTEIN, M.D. FOUNDER

THEODORE E. WALSH, M.D. EDITOR

640 SOUTH KINGSHIGHWAY SAINT LOUIS 10, MO.

'PETERS' NEW CLINIC AUDIOMETER

FOR PURE-TONE AND SPEECH



CONSIDER THESE FEATURES:

- A continuous frequency range with continuous automatic threshold compensation.
- Twin continuously variable attenuators accurate to 1 db.
- Narrow band masking of pure tones plus insert receiver.
- Manual or automatic completely silent interruption.
- Loudness Balance and Difference Limen Recruitment Tests.
- High Fidelity Speech Circuit with Accessories for Free Field Speech Audiometry.
- Full Spectrum of White Noise for Masking Speech.
- Completely Transistorised for reliability.

The Westrex Company Limited, who are leading suppliers of Deaf Education Equipment, have a nationwide servicing organisation. In the immediate future their engineers in the field will be co-operating in the speedy servicing of all "Peters" audiometers in Great Britain.

Write for a descriptive brochure giving full details of this magnificent instrument and ask for a demonstration from either:

WESTREX COMPANY Ltd. 152 COLES GREEN ROAD, LONDON, N.W.2

ALFRED PETERS & SONS Ltd.

VICTORIA WORKS, GELL STREET, SHEFFIELD 3



ORAL PENICILLIN ACTIVE AGAINST THE 'HOSPITAL STAPHYLOCOGGUS'

Orbenin is highly bactericidal to both resistant and sensitive staphylococci, and also to other Gram positive organisms such as streptococci and pneumococci.

Dosage: 500mg. orally (capsules or syrup) 6-hourly. Orbenin may also be given by Intramuscular injection.

Orbenin is a product of British research at BEECHAM RESEARCH LABORATORIES





Audi partem alteram'

St. Augustine

Fifteen hundred years ago, St. Augustine advised his readers to "hear the other side." Today, your patients with a hearing problem will welcome the same advice from you. Just mention Ingrams.

Ingrams can help your patients to "hear the other side," for they do not represent any one manufacturer and are thus able to give completely impartial advice about hearing aids.

Ingrams help your patient to choose from twenty-six different makes. This is the largest selection in the country—and some of the most modern aids are exclusive to Ingrams.

This is why you, like so many E.N.T. Specialists, can confidently advise your patients to hear the full story from Ingrams before they buy a hearing aid.

INGRAMS

THE INDEPENDENT HEARING AID CONSULTANTS

2 SHEPHERD STREET, SHEPHERD MARKET, LONDON, W.1

ONLY AMPLIVOX provides a complete audiometric service!

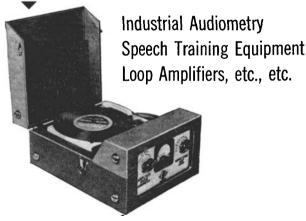


Transistor Audiometers

for the school screening service, ward use, etc.

Speech Audiometry Equipment

via records and tape, including new attachment for use with tape recorders.



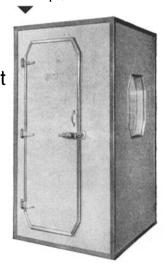


Clinical Audiometers

with narrow band masking for the highest accuracy and extended resolution.

Audiometer Booths

for ideal testing conditions in Hospitals, Clinics, Factories. Standard and special sizes available.



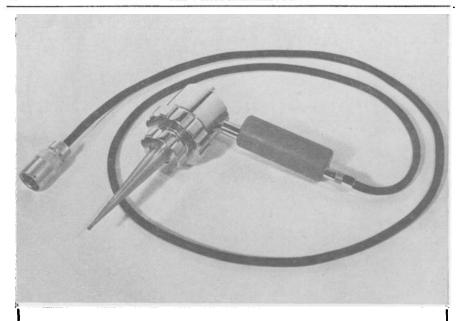
PLUS

literature covering your needs

An efficient and speedy calibration service

Please write for technical AMPLIVOX LTD M

80 New Bond Street London, W1 Tel: HYDe Park 9888



ROYAL EAR HOSPITAL ULTRASONIC TRANSDUCER

(U.K. & U.S.A. patents applied for)

For the conservative surgery of Ménière's disease by the Arslan Technique.

This transducer will withstand sterilization in an autoclave.

Alternative applicators available:

2½ mm. diameter for Ménière's disease.
 8 mm. diameter for irradiation of the whole pituitary in one application.
 GENERATOR & !NTENSITY METER to complete equipment.

Made in England by

Friston Electronics Limited 25 Church Road, Richmond, Surrey

Sole Agents for U.S.A., Canada & Latin America.

Scientific Research Corporation Inc.,
9-11 School Street,
Annapolis, Md. U.S.A.

IN URINARY TRACT INFECTIONS PENBRITIN BACTERICIDAL BROAD SPECTRUM ANTIBIOTIC

Penbritin meets the most important criteria for the treatment of urinary tract infections.

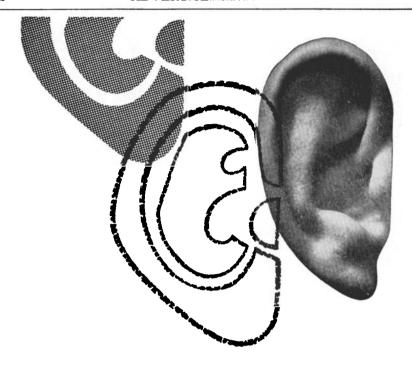
Penbritin is

- well absorbed orally, reaching effective tissue levels
- * excreted in high concentrations in the urine
- active against infecting organisms at concentrations attainable in the body
- * bactericidal

Penbritin dosage in urinary tract infections is 500mg, 8 hourly.

Penbritin (ampicillin) is a product of British research at BEECHAM RESEARCH LABORATORIES





'OTOSPORIN' clears infected ears

The modern method of treatment in otitis externa, chronic suppurative otitis media, and infected mastoid cavities, is 'Otosporin' brand Drops.

'Otosporin' is an aqueous suspension containing both neomycin and polymyxin B sulphate which are together effective against practically all the bacteria found in ear infections. They are unlikely to induce bacterial resistance or skin sensitisation, and neither of them gives rise to cross-resistance or cross-sensitisation to penicillin and other antibiotics. Their effectiveness is visibly enhanced by the hydrocortisone in 'Otosporin'; this, by reducing inflammation, not only relieves pain, but provides greater access for the antibiotics.

'OTOSPORIN' drops

issued in bottles of 5 c.c.



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON