December 1960

Vol. LXXIV No. 12

The Journal of Laryngology and Otology

EDITED BY WALTER HOWARTH

> ASSISTANT EDITOR G. H. BATEMAN

Contents

THE PLACE AND MANAGEMENT OF TRACHEOSTOMY IN RESPIRATORY INSUFFICIENCY

J. M. KODICEK

F. C. ORMEROD

THE PATHOLOGY OF CONGENITAL DEAFNESS . .

Observations on Sympathectomy in the Treatment of Ménière's Disease . . . Philip H. Golding-Wood

P. P. KARNIK and D. N. LELE

Two Identical Cases of Congenital Meatal Atresia

J. D. THOMPSON

GENERAL NOTES

London Headley Brothers Ltd 100 Kingsway WC2

Annual Subscription £4/4/0 net, U.S.A. \$13

Monthly, 10/- net post free

https://doi.org/10.1017/S0022215100057340 Published online by Cambridge University Press

ADVERTISEMENTS

The Journal of Laryngology and Otology

(FOUNDED in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY

WALTER HOWARTH

ASSISTANT EDITOR G. H. BATEMAN

Original articles which have not been published elsewhere are invited and should be sent to the Editor. They are considered for publication on the under-standing 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.
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 rept at the some time as original photographs are

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 £10 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 LTD., 109 Kingsway, London, WC2.

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 LTD., 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 LTD., 109 KINGSWAY, LONDON, WC2.

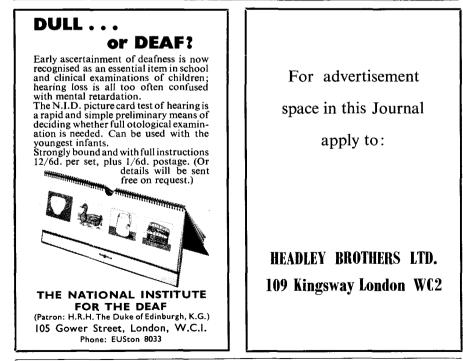
United States of America

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 LTD., 109 KINGSWAY, LONDON, WC2, England.

Journal of Laryngology and Otology, 1960

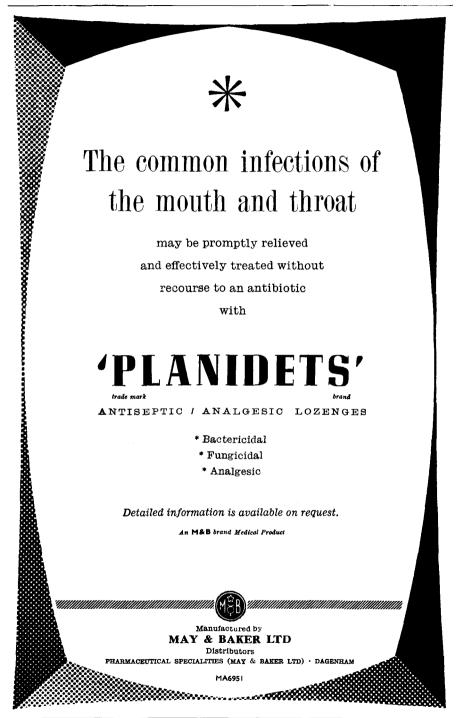
The Journal of Laryngology and Otology

P	AGE
The Place and Management of Tracheostomy in Respiratory	
INSUFFICIENCY. J. M. Kodicek (Chester)	891
The Pathology of Congenital Deafness. F. C. Ormerod (London)	919
Observations on Sympathectomy in the Treatment of Ménière's	
DISEASE. Philip H. Golding-Wood (Maidstone).	951
Weights of Abductor and Adductor Muscles of the Human	
LARYNX. Ruth E. M. Bowden and J. Louise Scheuer	
(London)	971
CLINICAL RECORDS	
Reflex Retinal Artery Spasm following Intraturbinal Injection.	
P. P. Karnik and D. N. Lele (Bombay)	981
One stage Tympanoplasty in Early Facial Paralysis Secondary	
to Chronic Suppurative Otitis Media with Report of Two	
Cases. Abdel Salam El Barbary (Cairo)	984
Two Identical Cases of Congenital Meatal Atresia. J. D.	
Thompson (Omagh)	988
General Notes	990

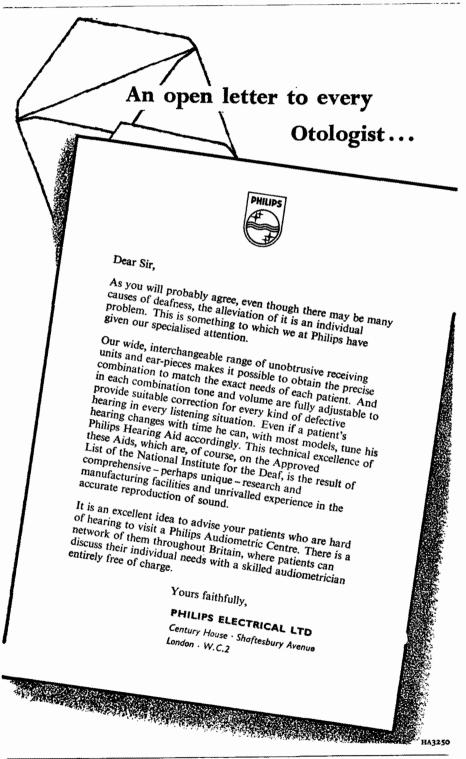


Please mention The Journal of Laryngology and Otology when replying to advertisements

ii

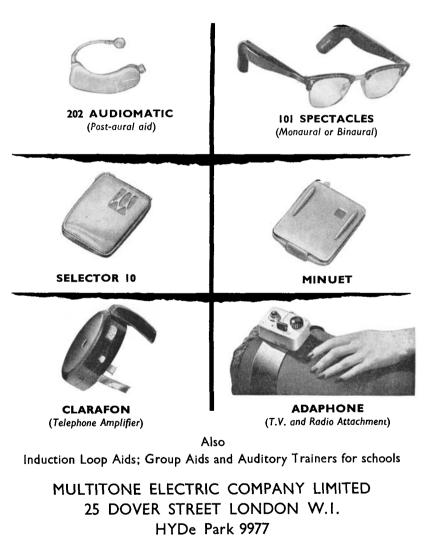


Please mention The Journal of Laryngology and Otology when replying to advertisements



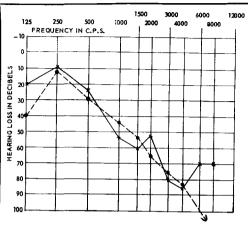
Please mention The Journal of Laryngology and Otology when replying to advertisements

MULTITONE a complete range of British hearing aids



Branches and Agents throughout the World

Fitting HEARING AIDS in DIFFICULT CASES



Case 1: LORD E. AGE 75

History: Progressive deterioration in hearing over many years. Presbyacusis. Tried several hearing aids without success.

Hearing aid fitting: Amplivox ModelAV, 9W wide range phone, amplifier with reduced low tone response. Maximum AVC setting.

Maximum Intelligibility : With hearing aid in left ear—90 %

Remarks: Has expressed great satisfaction with clarity of tone and the substantial assistance obtained in all situations.

In measuring the performance of a hearing aid, no yardstick is more indicative than the results achieved in 'difficult cases'. The above case history is only one of the many successes which Amplivox have had over the past quarter-century.

Contributing to this success are the care and thoroughness with which the Amplivox Hearing Advisory Service fit a hearing aid. Air and bone conduction pure tone audiograms, loudness tolerance levels and phonetically balanced word tests are the basis of testing. It is this extreme care in testing and fitting which, coupled with expert knowledge of the instrument characteristics, ensures optimum hearing in all cases.

Amplivox incorporate the world's finest hearing aids in their range, including head-borne and body-worn aids (many incorporating AVC) from the Super 'A', for the profoundly deaf, to the latest all-behind-the-ear model, Secrette.

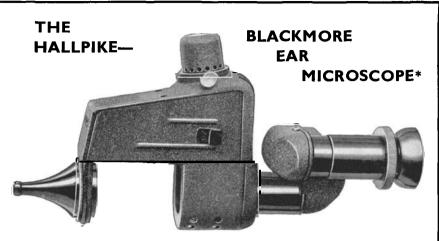
There are permanent Amplivox Hearing Advisory Centres in principal cities throughout the country, providing a reliable and thorough service for the hard-of-hearing.

For further information and descriptive literature please telephone the local Amplivox Centre or write to:

AMPLIVOX LTD.

80 New Bond Street, London, W.1 Tel: Hyde Park 9888

CENTRES AT: BIRMINGHAM, BOURNEMOUTH, BRISTOL, CARDIFF, EDINBURGH, GLASGOW, HULL, LEEDS, LEICESTER, LIVERPOOL, MANCHESTER, NEWCASTLE, DUBLIN



USES

DIAGNOSIS

The excellent optical performance of the Hallpike Ear Microscope gives the user greatly increased confidence in the diagnosis of abnormal conditions; and many disorders may be recognized at an earlier stage than has hitherto been possible with "headlamp and speculum" techniques. Thus slight pulsation of swellings and vascular tumours—of high diagnostic significance and almost impossible to detect by conventional methods—can readily be detected under this microscope.

Use of the Siegle attachment permits observation of small bubbles present in fluid collections within the tympanum; it is also invaluable for demonstrating minute perforations. Where defects of the tympanic membrane are present, the middle-ear cavity can be scrutinized minutely; the detailed structure of the stapes, stapedius tendon, round window and Eustachian orifice—not normally visible by ordinary methods of examination—are seen with quite remarkable clarity when the Ear Microscope is used.

TREATMENT

Manipulative procedures may be undertaken with greater confidence and precision if the Ear Microscope and its special instruments are used.

The curettes enable adherent wax and debris to be removed with the greatest precision from the walls of the deep meatus or from the tympanic ritically and biopsy specimens obtained by means of the curettes. These may also be used as delicate probes for palpation of the incus and head of the stapes in certain cases of otosclerosis with retraction and atrophy of the tympanic membrane; in this way unmistakable evidence may be obtained of bony fixation of the footplate. Or again, it is sometimes possible to identify by palpation.

defects of the bony tympanic ring or meatal wall which may underlie granulations. Myringotomy or removal of foreign bodies can be undertaken with surprisingly high precision because the optics of the Ear Microscope and the specially angled myringotome blade eliminate all shadows so that the surgeon can see clearly where and what he is cutting. The outfit is invaluable also for postoperative examinations and treatment of mastoid cavities. Granulations can be cauterized and exposed areas of dura mater carefully palpated.

*J. Laryng. (1953) 67, 108.

39 WIGMORE STREET LONDON W.1



5241 WHITBY AVENUE PHILADELPHIA 43, Pa, U.S.A.



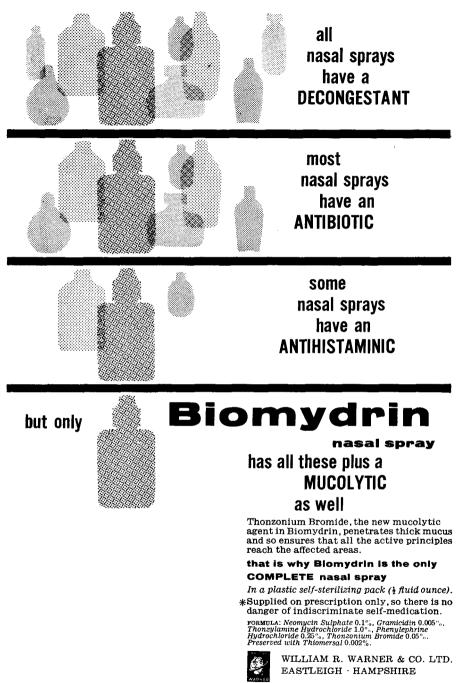
A new penicillin has been prepared which is active against the usual penicillin-sensitive microorganisms and yet resists staphylococcal penicillinase. This is a major event in chemotherapy. From the information given in the British Medical Journal last week and in the three papers appearing in our present issue there is good reason to hope that the new BRL 1241 ('Celbenin', Beecham Research Laboratories) will be a means of controlling the staphylococcal infections which have plagued hospitals throughout the world during the past ten years.

EDITORIAL (1960) LANCET, ii, 585

Seven papers reporting work on Celbenin appeared in the British Medical Journal of September 3rd, 1960, on pages 687, 690, 694, 700, 703, 706 and 708; three in the Lancet of September 10th, 1960, on pages 564, 568 and 569

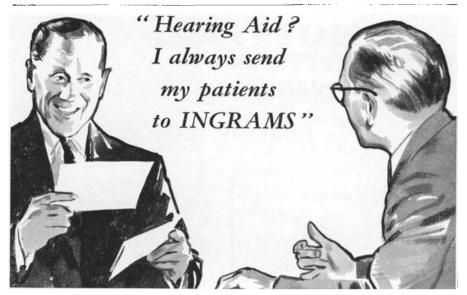
CELBENIN is a product of British Research at BEECHAM RESEARCH Laboratories Ltd. Brentford, England





810 443

ix



"I know my patients get the best possible choice of aids with Ingrams. Ingrams don't make aids—they are Independent Suppliers of all the best makes. This means the patient can compare one make against another, Ingrams can advise impartially about each make, and the patient gets the best possible fitting. Patients like it and I can rely on Ingrams.

Ingrams have at Shepherd Street one of the best equipped consulting rooms I've ever seen. Their Speech Audiometry equipment, for example, is outstanding. They also do domiciliary visits throughout the country—a lot of my patients like this, especially those outside London."

REFER YOUR PATIENTS TO....

Largest selection of the Different Makes in the Country.

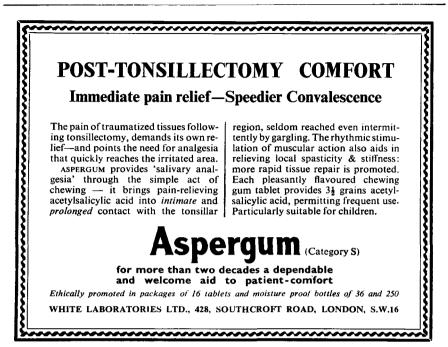
Member of the Society of Hearing Aid Audiologists

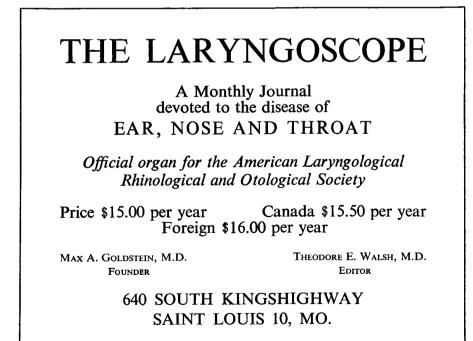
2, Shepherd Street, Shepherd Market, London, W.1 HYDe Park 9041 and 9042

Resident Representatives in all parts of the country.

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

The Independent Hearing Aid Suppliers







The world's most fully developed CLINICAL AUDIOMETER AMPLIVOX MODEL 82

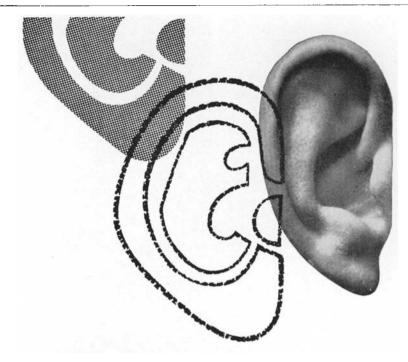
* Air and bone conduction with single zero

- * Narrow band masking with insert earphone
- * Loudness balance testing
- * Automatic check of control settings
- FEATURES * Patients' signal
 - * Speech circuit
 - * British or American Standard calibration
 - * Maximum stability of performance
 - * Extreme simplicity of use

For further information and demonstration write to:

AMPLIVOX LIMITED

Medical Acoustic Division, 80 New Bond Street, London, W.1. Tel: Hyde Park 9888.



'OTOSPORIN' clears infected ears

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

⁶ 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.

