

# The Journal of Laryngology and Otology

EDITED BY  
WALTER HOWARTH

ASSISTANT EDITOR  
G. H. BATEMAN

## Contents

OBSERVER VARIATION IN THE INTERPRETATION OF PARANASAL SINUS SKIAGRAMS . . . . .	R. HINCHCLIFFE ✓
EPISTAXIS MORTALITY . . . . .	C. I. WOOLF and ALLAN JACOBS
CEREBROSPINAL OTORRHOEA IN CHRONIC EAR DISEASE . . . . .	P. W. R. M. ALBERTI ✓ and J. D. K. DAWES
TRACHEOSTOMY AND CONTROLLED RESPIRATION . . . . .	IVOR J. C. FREW
TRACHEOSTOMY AND CONTROLLED RESPIRATION . . . . .	E. A. COOPER
TRACHEOTOMY AND CONTROLLED RESPIRATION . . . . .	R. ATWOOD BEAVER
BEHAVIOUR OF ABSORBABLE GELATINE SPONGE IN THE ANIMAL MIDDLE EAR . . . . .	W. DOYLE-KELLY ✓
THE SIGNIFICANCE OF MYCOTIC INFECTION IN THE AETIOLOGY OF OTITIS EXTERNA . . . . .	A. E. W. GREGSON ✓ and C. J. LA TOUCHE
CLINICAL RECORDS—	
DEAFNESS IN TOXOPLASMOSIS . . . . .	MOSHE FEINMESSER and JACOB LANDAU
TRACHEAL DIVERTICULA . . . . .	C. H. JONES
TWO CASES OF BILATERAL BRANCHIOGENIC CYSTS OF THE NASOPHARYNX . . . . .	OMAR H. SHAHEEN
TUMOUR OF GLOMUS JUGULARE . . . . .	ABBAS H. HASSAN, M. M. MOUSTAFA, M. E. FADLI
CLINICAL NOTE—	
IN DEFENCE OF TRANSILLUMINATION . . . . .	A. TUMARKIN
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  
WALTER HOWARTH

ASSISTANT EDITOR  
G. H. BATEMAN

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 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 £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, 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, 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., 31-35 East 10th Street, New York, or direct to the publishers, HEADLEY BROTHERS, 109 KINGSWAY, LONDON, WC2, England.

© *Journal of Laryngology and Otology*, 1960

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



# The Journal of Laryngology and Otology

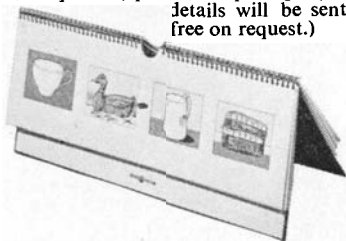
CONTENTS	PAGE
OBSERVER VARIATION IN THE INTERPRETATION OF PARANASAL SINUS SKIAGRAMS. R. Hinchcliffe (London)	101
EPISTAXIS MORTALITY. C. I. Woolf and Allan Jacobs (London)	114
CEREBROSPINAL OTORRHOEA IN CHRONIC EAR DISEASE. P. W. R. M. Alberti and J. D. K. Dawes (Newcastle-upon-Tyne)	123
TRACHEOSTOMY AND CONTROLLED RESPIRATION. Ivor J. C. Frew	136
TRACHEOSTOMY AND CONTROLLED RESPIRATION. E. A. Cooper	142
TRACHEOSTOMY AND CONTROLLED RESPIRATION. R. Atwood Beaver	149
BEHAVIOUR OF ABSORBABLE GELATINE SPONGE IN THE ANIMAL MIDDLE EAR. W. Doyle-Kelly (Dublin)	152
THE SIGNIFICANCE OF MYCOTIC INFECTION IN THE AETIOLOGY OF OTITIS EXTERNA. A. E. W. Gregson and C. J. La Touche	167
CLINICAL RECORDS—	
Deafness in Toxoplasmosis. Moshe Feinmesser and Jacob Landau (Jerusalem)	171
Tracheal Diverticula. C. H. Jones (Liverpool)	175
Two Cases of Bilateral Branchiogenic Cysts of the Nasopharynx. Omar H. Shaheen (London)	182
Tumour of Glomus Jugulare. Abbas H. Hassan, M. M. Moustafa, M. E. Fadli (Cairo)	187
CLINICAL NOTE—	
In Defence of Transillumination. A. Tumarkin (Liverpool)	196
GENERAL NOTES	197

## DULL . . . or DEAF?

Early ascertainment of deafness is now recognised as an essential item in school and clinical examinations of children; hearing loss is all too often confused with mental retardation.

The N.I.D. picture card test of hearing is a rapid and simple preliminary means of deciding whether full otological examination is needed. Can be used with the youngest infants.

Strongly bound and with full instructions 12/6d. per set, plus 1/6d. postage. (Or details will be sent free on request.)



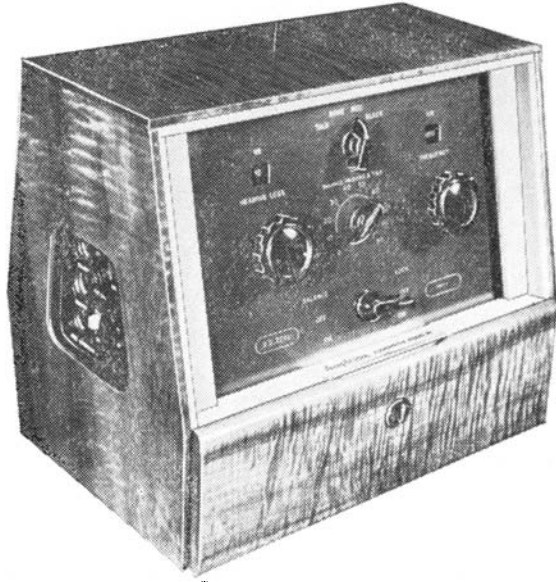
**THE NATIONAL INSTITUTE  
FOR THE DEAF**

(Patron: H.R.H. The Duke of Edinburgh, K.G.)  
105 Gower Street, London, W.C.1.  
Phone: EUSton 8033

For advertisement  
space in this Journal  
apply to:

**HEADLEY BROTHERS**  
109 Kingsway, London, WC2

**First clinical audiometer  
to provide  
100% accurate audiograms**



# AMPLIVOX MODEL 82

**world's most fully-developed clinical audiometer**

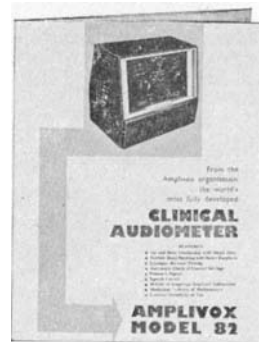
It is now known that the disc type of earphone, used in conventional audiometers for air conduction testing and the application of masking noise, transfers the sound by bone conduction to the opposite ear at a level only 40 dB below the signal level. This means that up to 50% of audiograms taken at the present time with other audiometers may be invalid.

The Amplivox Model 82 Audiometer provides, for the first time, the means of taking accurate audiograms in cases of severe unilateral deafness through the provision of narrow band masking applied by insert earphone. This new masking technique is of special significance in bone conduction audiometry.

In addition to the exclusive narrow band masking feature, the Model 82 provides loudness balance test facilities, and *all* the other tests essential to proved pure tone audiometry.

## AMPLIVOX LTD

Medical Acoustic Division  
80 New Bond St, London W.1. Tel: HYDe Park 9888



**SEND FOR THIS  
DESCRIPTIVE  
BROCHURE**

Containing full information on  
the latest audiometric techniques  
in air and bone conduction.

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

## An open letter to every Otologist...



Dear Sir,

As you will probably agree, even though there may be many causes of deafness, the alleviation of it is an individual problem. This is something to which we at Philips have given our specialised attention.

Our wide, interchangeable range of unobtrusive receiving units and ear-pieces makes it possible to obtain the precise combination to match the exact needs of each patient. And in each combination tone and volume are fully adjustable to provide suitable correction for every kind of defective hearing in every listening situation. Even if a patient's hearing changes with time he can, with most models, tune his Philips Hearing Aid accordingly. This technical excellence of these Aids, which are, of course, on the Approved List of the National Institute for the Deaf, is the result of comprehensive - perhaps unique - research and manufacturing facilities and unrivalled experience in the accurate reproduction of sound.

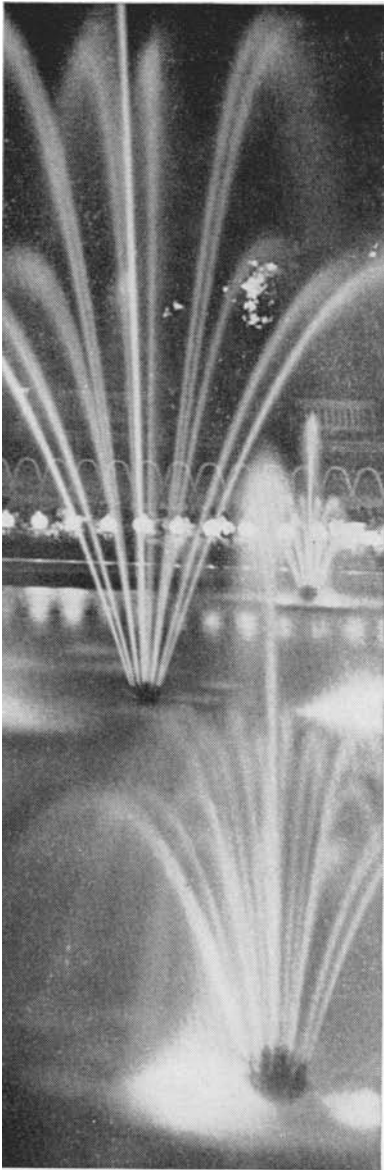
It is an excellent idea to advise your patients who are hard of hearing to visit a Philips Audiometric Centre. There is a network of them throughout Britain, where patients can discuss their individual needs with a skilled audiometrician entirely free of charge.

Yours faithfully,

**PHILIPS ELECTRICAL LTD**  
Century House · Shaftesbury Avenue  
London · W.C.2

HA3250

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



**RELEASE**

# **Biomydrin**

**The COMPLETE  
nasal spray**

which contains  
thonzonium—  
the outstandingly  
effective mucolytic.

In nasal congestion arising from colds, influenza, sinusitis, hay fever, or any other source, Biomydrin provides rapid, safe, soothing release . . . and a comprehensive treatment that does more than decongestants alone can do.

**All nasal sprays have a DECONGESTANT**

**Most nasal sprays have an ANTIBIOTIC**

**Some nasal sprays have an ANTIHISTAMINIC**

**BUT ONLY BIOMYDRIN** contains all these and thonzonium—the effective mucolytic. The inclusion of thonzonium makes Biomydrin the only complete nasal spray. Thonzonium ensures adequate penetration by liquefying thick nasal mucus to enable the spray to reach affected tissue.

**FROM  
CONGESTION**

**WILLIAM R. WARNER & CO. LTD.  
EASTLEIGH, HAMPSHIRE  
TELEPHONE: EASTLEIGH 3131**

B10 505

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

# MULTITONE

a complete range of British  
hearing aids



**202 AUDIOMATIC**  
(Post-aural aid)



**101 SPECTACLES**  
(Monaural or Binaural)



**SELECTOR 10**



**MINUET**



**CLARAFON**  
(Telephone Amplifier)



**ADAPHONE**  
(T.V. and Radio Attachment)

Also

Induction Loop Aids; Group Aids and Auditory Trainers for schools

**MULTITONE ELECTRIC COMPANY LIMITED**  
25 DOVER STREET LONDON W.1.  
HYDe Park 9977

Branches and Agents throughout the World

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



“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 . . .**

<h1 style="margin: 0;">INGRAMS</h1> <p style="margin: 0;">The Independent Hearing Aid Suppliers</p>	<p><b>Largest selection of the Different Makes in the Country.</b></p> <p><i>Member of the Society of Hearing Aid Audiologists</i></p> <p>2, Shepherd Street, Shepherd Market, London, W.1 HYDe Park 9041 and 9042</p>
---	--

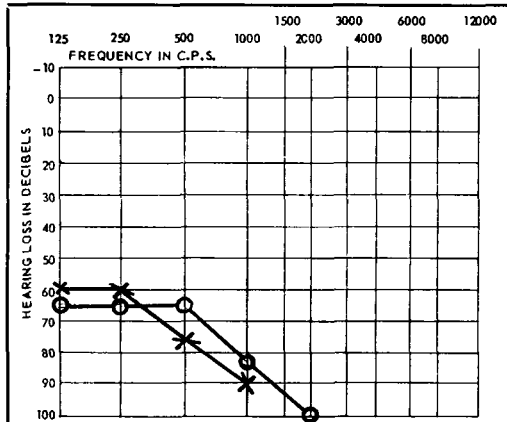
**Resident Representatives in all parts of the country.**

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



CASE 2.

# Fitting HEARING AIDS in DIFFICULT CASES



**Case 2:** FILM COMPANY EMPLOYEE  
AGE: 18 YEARS

*History:* Deaf from birth. Lip reads very well.  
*Hearing aid fitting:* Amplivox Model A. No automatic volume compression. Wide range earphone. 3 volt battery. Full frequency range. Personal earmoulds for use in either ear.

*Remarks:* After one week only he was able to repeat several words without any visual assistance, and a short time afterwards the considerable progress made enabled him to obtain profitable employment in the film industry away from home.

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:

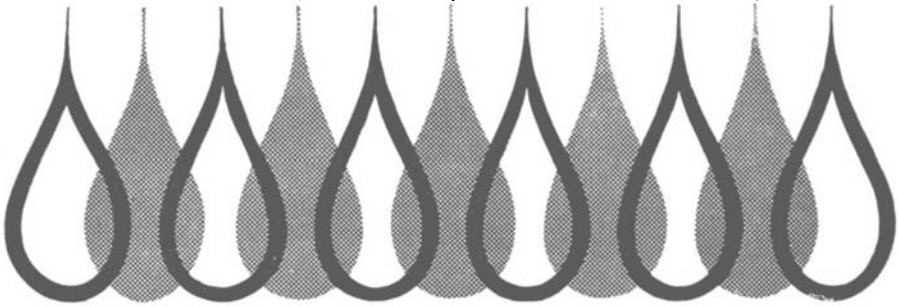
## AMPLIVOX LTD.

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

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

In acute or chronic sinusitis,  
secondary infection in influenza  
and the common cold, and in sore throat



## Sulfex\* Intranasal drops

*meet every therapeutic requirement*

rapid concentration at the site of infection  
prolonged bacteriostasis  
safe, effective vasoconstriction

Formula: 'Mickraform' sulphathiazole 5% in an isotonic aqueous medium with 'Paredrinex' (p-hydroxy-amphetamine hydrobromide) 1%

SMITH KLINE & FRENCH LABORATORIES LTD  
Welwyn Garden City, Herts

\*Sulfex\*, 'Mickraform' and 'Paredrinex' are trade marks  
SX:PA2J (Col)

---

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