

The Journal of Laryngology and Otology

EDITED BY
G. H. BATEMAN

ASSISTANT EDITOR
LIONEL TAYLOR

Contents

THE CHARACTER OF THE TECTORIAL MEMBRANE	L. NAFTALIN, M. SPENCER HARRISON and A. STEPHENS
BINAURAL HEARING	EDITH WHETNALL
THE EFFECTS OF GRAFT MANIPULATION FOLLOWING STAPEDECTOMY IN THE CAT	GEORGE H. WILLIAMS, RONALD A. McNEILL and HAROLD F. SCHUKNECHT
THALIDOMIDE-INDUCED APLASIA OF THE INNER EAR	M. BALSLEV JØRGENSEN, H. K. KRISTENSEN and N. H. BUCH
VESTIBULAR DISORDERS AFTER STAPEDECTOMY	Y. ALI and J. GROVES
CONTINUOUS SUCTION IN NECK SURGERY	ANTHONY RADCLIFFE
CLINICAL RECORDS—	
REPORT ON CASES OF CONDUCTIVE DEAFNESS ASSOCIATED WITH HEAD INJURY	PHILIP G. SCOTT
LATE RECURRENCE OF LARYNGEAL CANCER	R. THOMAS
FOREIGN BODY IN THE FRONTAL SINUS	J. N. ROHATGI, S. N. IMAM, AJIT SINHA and D. DAS
SOCIETIES' PROCEEDINGS—	
THE SCOTTISH OTOLARYNGOLOGICAL SOCIETY	
GENERAL NOTES	

London

Headley Brothers

109 Kingsway WC2

Annual Subscription £5/5/0 net, U.S.A. \$15

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 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 five guineas sterling (U.S.A. \$15) post free, and payable in advance.

9. 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.

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.

© *Journal of Laryngology and Otology*, 1964

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

CONTENTS

	PAGE
THE CHARACTER OF THE TECTORIAL MEMBRANE. L. Naftalin, M. Spencer Harrison and A. Stephens (Lincoln)	1061
BINAURAL HEARING. Edith Whetnall (London)	1079
THE EFFECTS OF GRAFT MANIPULATION FOLLOWING STAPEDECTOMY IN THE CAT. George H. Williams, Ronald A. McNeill and Harold F. Schuknecht	1090
THALIDOMIDE-INDUCED APLASIA OF THE INNER EAR. M. Balslev Jørgensen, H. K. Kristensen and N. H. Buch (Copenhagen)	1095
VESTIBULAR DISORDERS AFTER STAPEDECTOMY. Y. Ali and J. Groves (London)	1102
CONTINUOUS SUCTION IN NECK SURGERY. Anthony Radcliffe (London)	1114
CLINICAL RECORDS—	
REPORT ON CASES OF CONDUCTIVE DEAFNESS ASSOCIATED WITH HEAD INJURY. Philip G. Scott (Exeter)	1119
LATE RECURRENCE OF LARYNGEAL CANCER. R. Thomas (Carlisle)	1123
FOREIGN BODY IN THE FRONTAL SINUS. J. N. Rohatgi, S. N. Imam, Ajit Sinha and D. Das (Patna, India)	1125
SOCIETIES' PROCEEDINGS—	
The Scottish Otolaryngological Society	1128
GENERAL NOTES	1132

NEW, UNIQUE AND IMPORTANT

For the very first time a fully automatic unit is being made available for a CLINIC Audiometer, making the combined units into a true BEKESY Audiometer.

This automatic accessory is being made for the PETERS SPD/5 CLINIC AUDIOMETER, which has a continuous frequency range and continuously variable attenuation. The result is therefore a true Bekesy audiometer.

It can be attached to or detached from the audiometer in under one minute so that the two units together offer the facilities of an advanced clinic audiometer or Bekesy audiometry at will.

It can be fitted to any existing SPD/5 Audiometer.

Please send for details to:—

ALFRED PETERS & SONS LIMITED,
51 Gell Street, Sheffield 3

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



Staphylococci

cannot live with



Orbenin

Orbenin is recommended for the immediate treatment of all Hospital Staphylococcal infections

Orbenin, an oral penicillin stable to penicillinase, is bactericidal to resistant and sensitive staphylococci



Orbenin (regd.) (cloxacillin sodium) is a product of British research at
Beecham Research Laboratories

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 \$16.00 per year Canada \$16.75 per year
Foreign \$17.00 per year

ESTABLISHED 1896

THEODORE E. WALSH, M.D.
EDITOR

517 SOUTH EUCLID AVENUE
SAINT LOUIS MO. 63110.

For advertisement space in this Journal

apply to

HEADLEY BROTHERS LTD.

109 Kingsway London WC2

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

new antibiotic
LOCABIOTAL^{*}
now curbs
respiratory infections
and inflammation

Locabiotol contains fusafungine, a single agent that controls infection *and* inflammation of the respiratory tract. Bronchitis and bronchiectasis both respond extremely well to pressurized Locabiotol; intranasal medication gives quick control in rhinitis and sinusitis. Locabiotol does not produce the resistance which is to be expected with some systemic antibiotics.

Pressurized Locabiotol (0.25% fusafungine) 15 ml. containers providing 300 metered doses.

With oral and nasal applicators.

Basic N.H.S. Price 18/- each
(Cost of one week's treatment 4/6) Refill 15/10.

Locabiotol Nasal Spray (0.5% fusafungine) in Nebulizers of 15 ml. for E.N.T. treatment.

Basic N.H.S. Price 7/- each.

Selpharm Laboratories Limited
15 Hanover Square London W1

*trade mark

B2479

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

When
the patient
needs a
hearing aid—
**whom do
you recommend?**

INGRAMS, of course,
the firm with the different makes
to choose from.

INGRAMS, 2 Shepherd Street, London, W.1

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

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.



Industrial Audiometry
Speech Training Equipment
Loop Amplifiers, etc., etc.

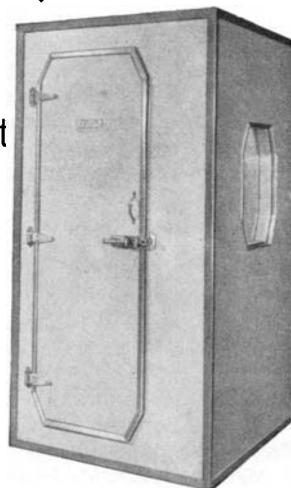


Clinical Audiometers

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

An efficient and speedy **calibration service**

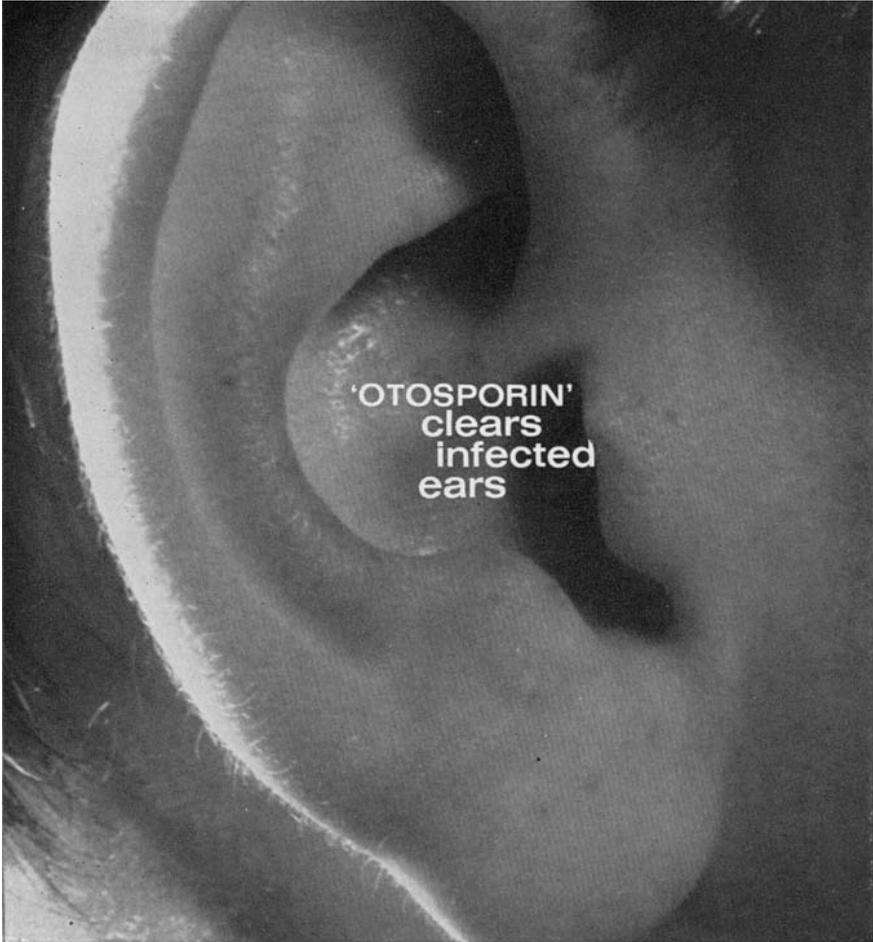
Please write for technical literature covering your needs

AMPLIVOX LTD

Medical Acoustic Division

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

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



'OTOSPORIN'

The modern method of treatment in otitis externa, chronic suppurative otitis media, and infected mastoid cavities, is 'Otosporin' Drops. 'Otosporin' is an aqueous suspension containing neomycin and polymyxin B which are together effective against practically all the bacteria found in ear infections. In addition, it contains hydrocortisone to reduce inflammation and swelling, thereby providing easier access for the antibiotics.

'OTOSPORIN' BRAND Drops ISSUED IN BOTTLES OF 5 ml.



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

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