The Journal of Laryngology and Otology

EDITED BY

WALTER HOWARTH

ASSISTANT EDITOR G. H. BATEMAN

WITH THE COLLABORATION OF V. E. NEGUS R. G. MACBETH

Contents

THE SURGICAL ANATOMY OF THE EAR, NOSE AND THROAT IN THE NEWBORN ... T. G. WILSON RESULTS OF SURGERY IN THE TREATMENT OF I. FALBE-HANSEN -THE PHYSIOLOGICAL AND CLINICAL IMPORTANCE OF EXPERIMENTAL WORK ON THE PIGEON'S EELCO HUIZINGA -LABYRINTH . DISTURBANCES OF CALORIC AND OPTOKINETIC NYSTAGMUS ASSOCIATED WITH LOCALIZED LESIONS OF THE CEREBRAL HEMISPHERES. E. A. CARMICHAEL, M. R. DIX AND C. S .-HALLPIKE CLINICAL RECORDS-LARYNGEAL FISTULA FOLLOWING RADIOTHERAPY AND PLASTIC REPAIR . . . ALDUNATE PHILLIPS PHILIP H. BEALES MIXED SALIVARY TUMOUR OF THE PHARYNX . A CASE OF FRONTAL LOBE ABSCESS . E. CARLYLE RICHARDSON Societies' Proceedings-THE SCOTTISH OTOLARYNGOLOGICAL SOCIETY -

London

Headley Brothers Ltd

109 Kingsway W C2

GENERAL NOTES

The Journal of Laryngology and Otology

(FOUNDED in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY WALTER HOWARTH

ASSISTANT EDITOR G. H. BATEMAN

WITH THE COLLABORATION OF V. E. NEGUS R. G. MACBETH

1. Original Articles are accepted on the condition that they have not been published elsewhere.

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 £5 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.

Orders for reprints should 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 Editoria, Journal of Laryngology, c/o Headley Brothers Ltd., 109 Kingsway London, WC2.

8. The annual subscription is three guineas sterling (U.S.A. \$10) post free,

and is payable in advance

9. Single copies will be on sale at 7s. 6d. each; copies of parts up to Vol.

LXIII may be purchased at 4s. 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-HAPNER, INC., 51-33 East 10th Street, New York, or direct to the publishers, Headley Brothers Ltd. 109 Kingsway London, WC2, England.

THE HALLPIKE—BLACKMORE MONOCULAR EAR MICROSCOPE*



This unique instrument was developed to facilitate high-precision surgery and more accurate diagnosis. It permits critical examination and easy recognition of abnormalities which have been hitherto almost invisible by existing methods. So many clinicians have commented on this striking advantage that the special diagnostic outfit illustrated above has now been introduced.

By offering this simple case as an alternative to the comprehensive electrical carrying case, the Ear Microscope is now available at a substantially lower price.

For power supply we recommend the Keeler Transformer 1613 E for 110v. A.C. mains or 1615 E for 230v. supply. Both models have rheostat brightness control. The ear Microscope may, however, be connected to any existing I ampere low-voltage supply of not more than 10 volts.

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

39 WIGMORE STREET LONDON, W.I



617 S.52nd STREET PHILADELPHIA, 43 Pa. U.S.A.



PETERS AUDIOMETERS

The SPD/2 Clinic Audiometer (illustrated) and the simpler SPD/3 Consulting Audiometer combine the advantages of both continuous and fixed frequency instruments. They each provide a continuous frequency range with continuous threshold compensation so that all hearing loss readings for air and bone conduction at any desired frequency are taken from the same zero reference level. In addition the continuous variability of the attenuator, makes it completely silent.

The Clinic Audiometer incorporates facilities for performing almost all known audiometric tests while the Consulting Audiometer fulfils normal clinical requirements.

Speech audiometric accessories and a Peepshow for the testing of young children are available for both instruments, Please write for a descriptive brochure.

London Representatives:—Acousticon, 122 Wigmore St., W.1.
Representatives in almost all countries

ALFRED PETERS & SONS LTD





Two better than one

Side by side, the antibiotics gramicidin and polymyxin B cover both Gram-negative and Gram-positive pathogens of the upper respiratory tract. Because they are so rarely used systemically there is little risk of jeopardizing the treatment of subsequent grave systemic infections.



ALEV in upper respiratory tract infections In 15 ml. bottles, PRINEXIN with dropper

> Gramicidin, 0-005 per cent. Polymyxin B sulphate, 500 i.u. per ml. Thenylpyramine hydrochloride, 0.2 per cent. in isotonic solution of hydroxyamphetamine hydrobromide ('Paredrinex'), I per cent.

SMITH KLINE & FRENCH INTERNATIONAL CO.

represented by

MENLEY & JAMES, LIMITED, COLDHARBOUR LANE, LONDON, S.E.S. Tel: BRIxton 7851 'Prinexin' and 'Paredrinex' are registered trade marks

POST-TONSILLECTOMY COMFORT

Immediate pain relief—Speedier Convalescence

The pain of traumatized tissues following tonsillectomy, demands its own relief—and points the need for analgesia that quickly reaches the irritated area.

ASPERGUM provides 'salivary analgesia' through the simple act of chewing — it brings pain-relieving acetylsalicylic acid into intimate and prolonged contact with the tonsillar

region, seldom reached even intermittently by gargling. The rhythmic stimulation of muscular action also aids in relieving local spasticity & stiffness: more rapid tissue repair is promoted. Each pleasantly flavoured chewing gum tablet provides 3½ grains acetylsalicylic acid, permitting frequent use. Particularly suitable for children.

Aspergum

for more than two decades a dependable and welcome aid to patient-comfort

Ethically promoted. Prescription bottles of 36 tablets, dispensing bottles of 250.

WHITE LABORATORIES LTD., 428, SOUTHCROFT ROAD, LONDON, S.W.16

THE LARYNGOSCOPE

A Monthly Journal devoted to the Diseases of the EAR, NOSE AND THROAT

Official organ for the American Laryngological, Rhinological and Otological Society

Price \$14.00 per year

Canada \$13.00 per year

MAX A. GOLDSTEIN, M.D. FOUNDER

THEODORE E. WALSH, M.D. EDITOR

640 SOUTH KINGSHIGHWAY SAINT LOUIS 10, MO.

AMPLIVOX MODEL 61 THE CLINICAL AUDIOMETER OF INTERNATIONAL REPUTE

"Messrs. Amplivox were among the first firms to produce an audiometer in this country, and their larger model is one of the best instruments of the kind now made in the world at a competitive price."—The LANCET, 23-12-50.

- Eleven exact test frequencies 125-12,000 c.p.s.
- Simplified hearing loss dial. The same set of figures is read for both bone and air conduction at all frequencies, and for speech.
- Bone conduction tests can be made from 125-4,000 c.p.s.
- Masking Tone calibrated in decibels, permitting accurate control of masking.
- Double Air receivers enable test tones to be switched instantly from ear to ear.
- Speech test circuit monitors speech level, permitting accurate measurement of hearing loss for speech.
- Loudness Balance Control establishes presence of recruitment in monaural deafness.
- Automatic voltage compensator.

Recruitment Test Set accessory establishes presence of recruitment by amplitude modulation, enabling each ear to be tested independently.

Speech Turntable, English made P.B. and Harvard Spondee Records available.

Full details are available from the manufacturers who will gladly arrange demonstrations if required.



The Basic Instrument of Modern Otology

ACCURATE • COMPLETE • SIMPLE TO OPERATE

AMPLIYOX LTD., 2 BENTINCK ST., LONDON, W.I (Welbeck 2591)

CONTENTS

	PAGE
THE SURGICAL ANATOMY OF THE EAR, NOSE AND THROAT IN THE NEWBORN. T. G. Wilson (Dublin)	229
Results of Surgery in the Treatment of Laryngeal Cancer. J. Falbe-Hansen (Copenhagen)	255
THE PHYSIOLOGICAL AND CLINICAL IMPORTANCE OF EXPERIMENTAL WORK ON THE PIGEON'S LABYRINTH. Prof. Dr. Eelco Huizinga (Groningen)	260
DISTURBANCES OF CALORIC AND OPTOKINETIC NYSTAGMUS ASSOCIATED WITH LOCALIZED LESIONS OF THE CEREBRAL HEMISPHERES. E. A. Carmichael, M. R. Dix and C. S. Hallpike (London)	269
CLINICAL RECORDS	
Laryngeal Fistula following Radiotherapy and Plastic Repair. Dr. Aldunate Phillips (Santiago de Chile) .	277
Mixed Salivary Tumour of the Pharynx. Philip H. Beales (Doncaster)	283
A Case of Frontal Lobe Abscess. E. Carlyle Richardson (Port of Spain, Trinidad)	287
Societies' Proceedings—	
The Scottish Otolaryngological Society	289
General Notes	294

For Advertisement space in this Journal apply to:
HEADLEY BROTHERS Ltd, 109 Kingsway London WC2