HANS BRUNNER

L. B. W. JONGKEES and J. J. GROEN

HUGH G. BIGGART

MISS M. MASON

J. HULK and L. B. W. JONGKEES

The Journal of Laryngology and Otology

EDITED BY WALTER HOWARTH

WITH THE ASSISTANCE OF

G. H. BATEMAN R. G. MACBETH V. E. NEGUS R. SCOTT STEVENSON J. F. SIMPSON

Contents

MÉNIÈRE'S ATTACKS AND MÉNIÈRE'S DISEASE .

THE NASOLACRIMAL DUCT OF THE GUINEA PIG

A QUANTITATIVE ANALYSIS OF THE REACTIONS OF A PERSON AFTER LOSS OF THE FUNCTION OF BOTH INNER EARS

MASTOIDITIS IN AN UNDER-DEVELOPED EAR . AN UNUSUAL CASE OF TONSILLAR CYST . . .

ROYAL SOCIETY OF MEDICINE-SECTION OF

THE LARYNX MISCELLANEOUS

GENERAL NOTES

London

Headley Brothers

100 Kingsway, W.C.2

Monthly, 7/6 net post free Annual Subscriptions £3/3/0 net

The Journal of Laryngology and Otology

(Founded in 1887 by Morell Mackenzie and Norris Wolfenden)

EDITED BY

WALTER HOWARTH

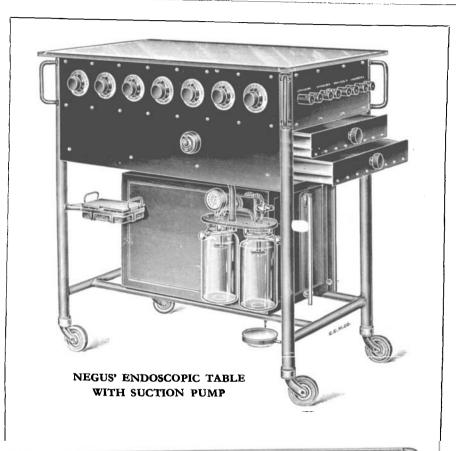
WITH THE ASSISTANCE OF

G. H. BATEMAN R. G. MACBETH V. E. NEGUS R. SCOTT STEVENSON J. F. SIMPSON

- 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.
- 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 additional matter added.
- 4. Blocks illustrating articles are normally paid for by the *Journal*. Authors may, however, be required at the Editor's discretion, to contribute towards the cost of these in cases where this is particularly heavy.
- 5. 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 Editor, Journal of Laryngology, c/o Headley Brothers, 109 Kingsway, London, W.C.o.
- 8. The annual subscription is three guineas sterling, post free, and is payable in advance.
- g. 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, 109 Kingsway, London, W.C.2.

United States of America

Orders for this Journal may be sent either through a local bookseller, or to Messrs. G. E. STECHERT & Co., 31-33 East 10th Street, New York, or they may be sent direct to the publishers, Headley Brothers, 109 Kingsway, London, W.C.2, England.



Usophagoscope with detachable Suction Tube and Proximal Lighting as designed for V. E. Negus, M.S., F.R.C.S.

Obtainable in 4 sizes

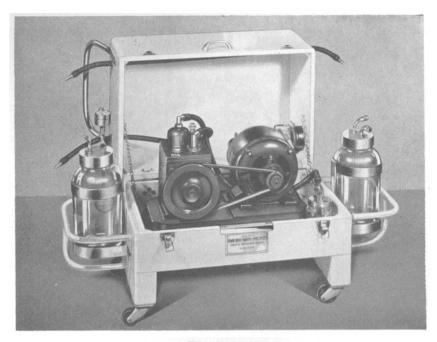
MADE BY

The G_{enito} U_{enary} $M_{\text{FG.}}$ $C_{\text{O.}}$ $L_{\text{TD.}}$

28a DEVONSHIRE STREET, LONDON, W.1

Telephone: WELBECK 2835 (3 lines)

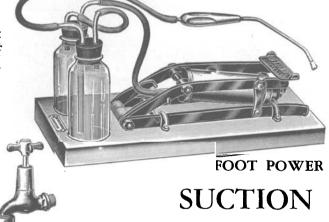
Telegrams:
CYSTOSCOPE, WESDO, LONDON



ELECTRIC

"Stand by" Foot Model, in case of electric supply failure. £3 3s. 0d.

> (Pump and Bottles) Suction Tube extra)



APPARATUS

Or WATER

Particulars on application

DOWN BROS. & MAYER & PHELPS Ltd.

Showrooms: 32/34 NEW CAVENDISH ST., LONDON, W.r WELBECK 376

DOWN BROS. AND MAYER & PHELPS HAVE AMALGAMATED. THE PERSONAL MANAGEMENTS REMAIN AS HERETOFORE.

PRESCRIBE THE EASY EFFECTIVE METHOD

When spraying, the patient can hold his head in a natural position, yet the solution spreads throughout the nasal cavity, assuring thorough treatment. Effective dropper-application, on the other hand, requires a complicated posture technique which patients are apt to neglect in home treatment.





DeVilbissATOMIZERS



These illustrations, which are based on X-ray research, clearly demonstrate the advantages of the atomizer as compared with the dropper.

The AEROGRAPH Co., Ltd., Lower Sydenham, London, S.E.26

Sole Distributors of DeVilibiss Products in the United Kingdom.

Telephones: Sydenham 6060—8 Lines.

CV8-225

For Personal Protection



The pleasant, unobtrusive aroma of Vapex, its efficacy in the relief of the common cold and as a prophylactic, make it particularly suitable for personal use by the medical profession.

INHALANT

INHALER

VOLATOL

A drop on the handkerchief or on the end of the pillow. Convenient and unobtrusive for use during the day. May be easily recharged.

For topical application in chest colds. Non-greasy and does not stain.

THOMAS KERFOOT & Co. Ltd., Vale of Bardsley, Lancashire.

V260



THE S.D. PORTABLE AUDIOMETER A.C./D.C.

THIS genuinely portable Audiometer, built into a strong carrying case, offers great accuracy combined with convenience in use.

It incorporates an extremely stable beat frequency oscillator giving a continuous range of frequency, and a built-in valve voltmeter not only allows accurate zero setting of frequency but ensures a constant result whatever the conditions of voltage or of valve life.

A crystal microphone and amplifier give excellent speech reproduction and in addition enable speech level tests to be made. A masking note of mixed low frequency and a manual mute are also provided.

Our Peepshow for testing the hearing of young children can be used with this Audiometer.

ALFRED PETERS & SONS LTD. FARGATE HOUSE · SHEFFIELD 1



THE SD/2 AUDIOMETER

THIS instrument offers not only great accuracy but incorporates some unique features, which allow a most comprehensive range of tests to be made and ensures a constant result under all conditions of voltage and valve life.

It includes among many facilities an automatic interruptor circuit, as well as a continuous tone: twin matched earphones allowing the test and masking tones to be switched to either ear, while a balance control enables the response of each ear to be matched simultaneously.

A built-in crystal microphone and amplifier give excellent speech reproduction and allow speech level tests to be made, while the built-in meter and cathode ray tube ensure continuing accuracy of frequency and output.

Our Peepshow for testing young deaf children may be used with this Audiometer.

ALFRED PETERS & SONS LTD. FARGATE HOUSE SHEFFIELD 1

POST-TONSILLECTOMY COMFORT tbrough 'SALIVARY ANALGESIA'

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 usc. Particularly suitable for children.

Aspergum

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

Ethically promoted in packages of 16 tablets and moisture proof bottles of 36 and 250 WHITE LABORATORIES LTD., 4 MITCHAM PARK, MITCHAM, SURREY

NOW READY

THE ACOUSTIC METHOD

For the Training of the Deaf and Hard-of-Hearing Child By MAX A. GOLDSTEIN, M.D., LL.D.

This Volume contains 244 pages; 50 illustrations
Textile Leather (Waterproof) Binding
\$3.00 Postage Prepaid

Twelve chapters, including Evolution of the Acoustic Method — Definition and Principles of the Acoustic Method — The Practice of the Acoustic Method — The Pupil: (1) The Deaf Child; (2) The Hard-of-Hearing Child; (3) The Pre-School Deaf Child — The Teacher — Case Recording — Tests of Hearing — Audiometers — The Audiogram — Hearing Aids — Tactile Training — Anatomy of the Ear.

Published by THE LARYNGOSCOPE PRESS
640 South Kingshighway
St. Louis, Mo.

THE AMPLIVOX AUDIOMETER



The Basic Instrument of Modern Otology

NEW TESTS NOW POSSIBLE

Speech-loss measurement in decibels now obtainable through dynamic microphone and speech input meter.

Loudness balance control gives measurement of the recruitment factor.

Input for group-test equipment and gramophone.

CONSISTENT ACCURACY OF RESULTS

Eleven exact test frequencies 125-12,000 c.p.s.

Voltage compensation ensures that signal intensity does not vary should mains voltage do so.

CALIBRATED MASKING TONE

Masking intensity varies equally with normal hearing acuity over range 125-4,000 c.p.s., permitting accurate masking control. Calibrated in decibels.

SIMPLICITY OF OPERATION

Twin matched headphones (on double headband) for all air conduction tests; bone conductor on single headband, or interchangeable with one 'phone.

Hearing Loss dial calibrated in 5 dB steps from minus 10 dB to plus 100 dB.

Same figures on dial are read for air and bone conduction, and for all frequencies.

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

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

CONTENTS

	PAGE
Ménière's Attacks and Ménière's Disease. Hans Brunner (Newark, N.J.)	103
VESTIBULAR EXAMINATION IN CASES OF OTOSCLEROSIS. J. Hulk and L. B. W. Jongkees (Utrecht)	126
The Nasolacrimal Duct of the Guinea Pig. George Kelemen (Boston)	131
A QUANTITATIVE ANALYSIS OF THE REACTIONS OF A PERSON AFTER LOSS OF THE FUNCTION OF BOTH INNER EARS. L. B. W. Jongkees and J. J. Groen (Utrecht)	135
CLINICAL RECORDS— Mastoiditis in an Under-developed Ear. Hugh G. Biggart	
(Belfast)	141
An Unusual Case of Tonsillar Cyst. Miss M. Mason (London)	143
Societies' Proceedings— Royal Society of Medicine—Section of Laryngology	_
Royal Society of Medicine—Section of Laryngology	145
ABSTRACTS-	
Ear A Statistical Study of Incapacitating Hearing, Impairment in 1,000 Clinic Patients. Maurice Saltzman and Marguerite C. Eversden; Acoustic and Vestibular Barometry. Marvin F. Jones and F. C. Edmonds, Jr.; Fenestration Operation for Otosclerosis. George E. Shambaugh, Jr.; Experiments on the Effect of the Circulation on Cochlear Potential in Anoxia. H. Bornschein and F. Krejci; Catarrhal and Allergic Diseases of the Ear. O. Novotny; Dental Considera- tions in Fitting Hearing Aid Ear Inserts. Jack R. Anderson, William Manion and Agnes C. Cota; Problem of So-called Congenital Atresia of the Ear. Franz Altmann; Ménière's Syndrome. II. Miles Atkinson; Acute Deafness in Scarlatina. Hans Brunner.	154
Nose Fatal Air Embolism during Antral Irrigation. Elizabeth Cornfield and Alexander F. Laslo; Tuberculosis of the Nose treated with Streptomycin. Charles S. Lane; Transitional Cell Carcinoma of the Paranasal Sinuses. LeRoy A. Schall and David W. Brewer; Allergic and Catarrhal Diseases of the Nose and Throat. I.L. Hörbst; Osteomas of the Paranasal Sinuses and their Treatment. Joseph W. Begley, Jr. and Olav E. Hallberg; Osteoma of the Frontal Sinus. Col. A. J. Vadala and LtCol. Kenneth Somers; Hydrogen Ion Concentration of Nasal Secretion in situ in Newborn Infants. Noah D. Fabricant and M. A. Perlstein; Intranasal Surgery of the Maxillary Sinus. Henry M. Goodyear; Plasma Cell Tumour Simulating Bilateral Maxillary Sinusits. Morey Parkes and Samuel Burtoff; The Anterior Ethmoidal Nerve Syndrome. Howard H. Burnham.	158
Pharynx Tonsillectomy as treatment of Acute Peritonsillitis, with Clinical and Statistical Observations. V. Seppo Virtanen.	160
Larynx Tuberculous Laryngitis and Tracheo-bronchitis. John J. O'Keefe.	161
Œsophagus	161
Miscellaneous Glossopharyngeal Neuralgia: Tic Douloureux of the Ninth Cranial Nerve. Peter N. Pastore and John M. Meredith.	161
General Notes	162

For Advertisement space in this Journal apply to: HEADLEY BROTHERS, 109 Kingsway, London, W.C.2