The Journal of Laryngology and Otology

EDITED BY WALTER HOWARTH

WITH THE ASSISTANCE OF V. E. NEGUS AND F. W. WATKYN-THOMAS

Contents

VERTIGO	. SYDNEY SCOT
A GRAPHIC METHOD OF RECORDING INSTABILIT	TY AND
Past-Pointing	
Some Notes on the Rotation: Caloric and Ga	LVANIC
Tests	ALEXANDER R. TWEEDIE
Societies' Proceedings:—	
ROYAL SOCIETY OF MEDICINE—SECTION OF	OTOLOGY
ROYAL SOCIETY OF MEDICINE—SECTION OF	LARYNGOLOGY
Abstracts:—	
THE EAR THE NOSE AND ACCESSORY SIN	NUSES THE PHARVNY
THE LARYNX MI	SCELLANEOUS
REVIEW OF BOOK	
LETTER TO THE EDITOR	
GENERAL NOTES	

Edinburgh: Oliver and Boyd London: 33 Paternoster Row

Monthly, 4/- net

Annual Subscription, 40/- net

AIDS FAR DEAF

EVERY PATTERN OF '
ELECTRIC PHONES, NON-ELECTRIC TRUMPETS,
AURICLES, AND CONVERSATION TUBES
IN STOCK

IMPORTANT NOTICE

to the Medical Profession and their Patients

We are the originators of a 10 DAYS' HOME TRIAL, without obligation to purchase, of any of our Acoustic Aids, and, in our opinion, this is the only satisfactory method of selling such instruments to the public.

This has been our policy for 60 years

We daily hear most distressing tales from deaf people who have been persuaded to purchase expensive aids without a proper home trial.

T. HAWKSLEY, LTD.

(ESTABLISHED 1869)

351 OXFORD STREET, LONDON, W.1

Telephone: Mayfair 1182

Sole Agents for the Marconi Otophone

Our full range of illustrated lists sent on application

i

ōõ

 $\Box\Box$

ΠП

ŌO

Ō۵

ōō

ŌŌ

Corpora non agunt nisi Fluida

Dr Joseph James, D.D.S., F.R.C.S., D.Sc., M.S.A., once wrote of ODOL as follows:—

"I have studied the effects of ODOL Mouthwash outside the test tube under circumstances which at least approach those of the oral cavity. In testing a mouthwash the attention should naturally be fixed exclusively upon the effect in the mouth itself. It is true that Miller has already laid down this rule as a guiding principle for testing the hygienic value of antiseptics intended for use in the mouth. Halliday very aptly remarked, 'It is quite evident that an antiseptic which might serve for the disinfection of refuse from slaughter houses, for infected cattle sheds, or for other similar purposes, must satisfy requirements entirely different from those of an antiseptic which is to serve as a cosmetic mouthwash for daily use.' The ODOL antiseptic is evidently chemically related to Salol of the Pharmacopaia, but it is essentially different from Salol as Parker of Bradford has demonstrated. ODOLISED SALIVA HAS A MINIMAL ALKALINE AND NO ACID REACTION. That ODOL in no way attacks the teeth is a fact admitted on all sides."

Samples and literature will gladly be sent to any member of the Profession on application to:

CRANBUX LIMITED OF NORWICH

Sole manufacturers and distributors of British Odol

ÖÖ

00

ŌŪ

ōō

ŌŌ

Ō۵

 $\overline{0}\overline{0}$

 $\overline{\Pi}$

ōō

āā

00

The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY WALTER HOWARTH

ASSISTED BY

V. E. NEGUS AND F. W. WATKYN-THOMAS

- 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 should be added.
- 4. The order for reprints should be sent when returning galley proofs, and for this purpose special forms are supplied, on which the price of the reprints is stated.
- 5. 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.
- **6.** Editorial Communications should be addressed to "EDITOR, *Journal of Laryngology*, c/o Messrs OLIVER AND BOYD, Tweeddale Court, Edinburgh."
- 7. The Annual Subscription is Forty Shillings, post free, and is payable in advance.
- 8. Single copies of back numbers, both of the present and the previous series, are on sale at Four Shillings each.
- 9. An Annual Subscription can be commenced with any number of the Journal, and the preceding numbers of the current year can be purchased at Four Shillings each.

UNITED STATES OF AMERICA

Orders for this Journal, for single parts or yearly subscriptions, can be sent either through a local bookseller, or to Messrs G. E. STECHERT & Co., 31-33 East 10th Street, New York.

Seven Sound Reasons why DOCTORS prefer



for their DEAF patients

- It is fitted to suit the case.
 It is simple and true-to-tone.
- 5. It leaves hands free.
- 6. It is suitable for "hard of hearing" or acutely deaf.
- 3. It removes strain, thus relieving head noises.
 4. It conveys sounds from varying ranges and angles.
 7. It is helpful for conversation, music, wireless, home, office, and public work.

Many DEAF DOCTORS use **ARDENTE**"

"ARDENTE" STETHOSCOPE

Mr R. H. Dent makes a Stethoscope specially for members of the Medical Profession suffering from deafness. Many are in use, and excellent results are reported.

MEDICAL REPORTS

Commended by all leading medical journals.—
Mr Dent will be happy to send full particulars and reprints on request.

HOME TESTS ARRANGED FOR DOCTORS AND PATIENTS Medical prescriptions made up to the minutest detail.

PRINCES ST., **EDINBURGH**

Phone: No. 30413 Edinburgh

206 SAUCHIEHALL ST., GLASGOW Phone: Douglas 1012

309 Oxford Street, LONDON

- 59 Northumberland St., NEWCASTLE 37 Jameson Street, HULL
- 271 High Street, EXETER
- 9 Duke Street, CARDIFF
- 51 King St., MANCHESTER
- 33a Martineau St., BIRMINGHAM
- 64 Park Street, BRISTOL

4TH EDITION.

REVISED AND ENLARGED.

LEWIS'S PRACTICAL SERIES.

DISEASES OF THE NOSE AND THROAT

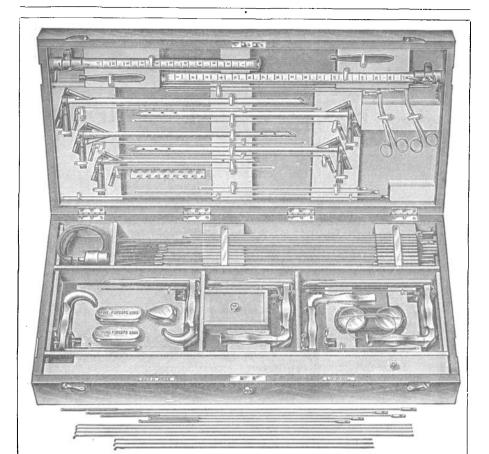
By HERBERT TILLEY, B.S.(Lond.), F.R.C.S.(Eng.), Surgeon, Ear and Throat Department, University College Hospital; Teacher of Laryngology and Otology, University of London. With numerous Illustrations, including 74 Plates. Demy 8vo.

28s. net. Postage 1s., abroad 1s. 3d. Extracts from Press Notices.

"The work is so comprehensive that it should be a valuable book of reference, whilst it is not too large to serve as an ordinary text-book."—British Medical Journal.
"We have no hesitation in recommending his book to the practitioner as well as to the prospective specialist."—The Lancet.

"The author is to be congratulated upon his work; as a text-book it is one of the best upon the subject; . . . displays the master mind of an accomplished teacher."—Medical Press.

LONDON: H. K. LEWIS & CO. LTD., 136 Gower Street, and 24 Gower Place, W.C. 1. Telegrams: "Publicavit, Eusroad, London." Telephone: Museum 7756 (3 lines).



CHEVALIER JACKSON'S INSTRUMENTS FOR ŒSOPHAGOSCOPY, LARYNGOSCOPY, AND BRONCHOSCOPY

New Models as made for Walter G. Howarth, F.R.C.S.

Each Instrument is made in accordance with the details of Chevalier Jackson's most recent models, and each is supplied with a spare light carrier, i.e., 2 light carriers and 2 lamps. All the models have been redesigned with a view to rendering them more easily cleansed; all the crevices and corners for the dirt have been taken away.

To ensure better visibility the tips of the forceps are black.

The Howarth-Jackson's Instruments are less expensive than other American or English models and a further economy has been effected by rendering the instrument tips.

English models, and a further economy has been effected by rendering the instrument tips interchangeable, thus reducing the number of forceps handles and tips required.

The lamps are 2.5 volt and more durable than the usual models.



Telegrams-"DOWN, LONDON." Telephone-HOP 4400 (4 lines).

Manufactured only by

DOWN BROS., LTD.

SURGICAL INSTRUMENT MAKERS 21 and 23 ST THOMAS'S STREET LONDON, S.E.1

(Opposite Guy's Hospital)

Recently Published. Second Edition (Reprint). Fully Revised and Enlarged.

Demy 8vo, 464 pp. 234 Text Illustrations and 12 Plates (of which 8 are in colour). 20s. net, Postage 9d.

NOSE, THROAT, AND EAR

For Practitioners and Students
Edited by A. LOGAN TURNER, M.D., LL.D., F.R.C.S.E.
Consulting Surgeon, Ear and Throat Department, Royal Infirmary, Edinburgh

With the collaboration of

J. S. FRASER, M.B., F.R.C.S. E.
W. T. GARDINER, M.C., M.B., F.R.C.S.E.
and DOUGLAS GUTHRIE, M.D., F.R.C.S.E.

"May confidently be recommended for the use of students and practitioners."—LANCET.
"Will prove of the greatest value."—JOURNAL OF LARYNGOLOGY AND OTOLOGY.

Bristol: John Wright & Sons Ltd. Mustrated Catalogue free London: Simpkin Marshall Ltd.

DeVILBISS SPRAY No. 15

FULLY GUARANTEED



FOR ALL PURPOSES

For Spraying the Nose and Throat with Oils and Aqueous Solutions

Important

The adjustable tip permits spraying in any direction, and is especially important when the bronchial tubes or the post-nasal cavities are to be treated.

When prescribing, please specify

"DeVilbiss Spray No. 15"

(of all Chemists and Surgical Instrument makers)

Complete illustrated Catalogue from

DeVILBISS, CO., LTD., WEST DRAYTON, MIDDLESEX

SERUM TREATMENT OF HAY FEVER

AUTUMNAL CATARRH, ROSE FEVER, AND SIMILAR COMPLAINTS.

POLLANTIN

(ANTIDOTE FOR POLLEN TOXINE)
FOR EXTERNAL USE

(Patented in Germany, England, the United States, &c.)
LIQUID, POWDER, and also SALYE.

Prepared under supervision of the discoverer, Professor Dr Dunbar, by SCHIMMEL & CO., Miltitz, near Leipzig (Germany).

Sole Agents for the U.K and British Colonies (Canada and Australasia excepted):

WILLOWS, FRANCIS, BUTLER & THOMPSON, LTD., Wholesale Druggists,

73, 75, and 89a Shacklewell Lane, LONDON, E. 8.

INSTRUMENTS AND EQUIPMENT FOR Examination of Ear, Nose and Throat, Operation on Tonsils, Adenoids, Mastoid, Nasal Septum

As supplied to and used in

EAR, NOSE AND THROAT DEPARTMENT, ROYAL INFIRMARY, EDINBURGH THE EDINBURGH EYE, EAR AND THROAT INFIRMARY, ETC., ETC.

ALSO THE CHEVALIER JACKSON INSTRUMENTS

ARCHD. YOUNG & SON LTD., 57-61 FORREST RD., EDINBURGH

Surgical Instrument Makers to Royal Infirmary, Edinburgh

'Phone: 20669. Telegrams: "Bandage, Edinburgh," A.B.C. Code, 5th Ed.

AIDS FOR THE DEAF

FREE TRIAL BEFORE PURCHASE

TO THE PROFESSION.—Again the value of Service is emphasised by John Bell & Croyden.

ALL ACOUSTIC INSTRUMENTS are offered on the understanding that-

Seven Days' Free Trial without any charge or obligation in any shape or form being incurred.

If the patient is still undecided as to the suitability of the instrument a further seven days is granted.

Complete stocks of Acoustic Instruments both Electrical and Non-electrical by the best British and Continental makers are available. New patterns are being constantly added to stock.

EXPERT INDIVIDUAL ATTENTION IS GIVEN TO EACH PATIENT

JOHN BELL&CROYDEN

ACOUSTIC DEPARTMENT:-8 WELBECK STREET, W.1

Telephone: LANGHAM 3000 (10 lines) Telegrams:
INSTRUMENTS, WESDO
LONDON

NASO-PHARYNGOSCOPE—AFTER HOLMES

London made.

Straight pattern.



For determining and examining the condition of the mucous membrane. Interior of the larynx. Posterior pharyngeal wall, etc.

Price complete in case with cables, switch handle and spare lamp-£10.

A. CHARLES KING, LTD.

SURGICAL INSTRUMENT MAKERS

34 DEVONSHIRE STREET, LONDON, W.1 Telephone: Welbeck 2264

CONTENTS

										PAGI
VERTIGO. Sydney	Scott,	F.R.C.	s.	•	•	•	•	•		429
A GRAPHIC MET	HOD OF	REC	RDING	INSTA	BILITY	AND	Past-P	OINTIN	G.	
Mr A. Lownd	es Yate	s	•	•	•		•	•	•	438
SOME NOTES ON	THE	ROTA	rion ;	CALO	RIC AN	ID GA	LVANIC	TEST	s.	
Alexander R.	Tweedi	е			•	•	•	•		446
Societies' Proces	EDINGS									
Royal Society	of Me	dicine-	-Sectio	n of O	tology			•		460
Royal Society	of Med	licine	-Section	n of La	aryngol	ogy	•			470
Abstracts-										
The Ear				•			•			482
The Nose and	Accesso	ory Sin	uses							488
The Pharynx	•									492
The Larynx	•									497
Miscellaneous	•	•		•	•	•	•	•		499
REVIEW OF BOOK	•				•					501
LETTER TO THE E	DITOR						•			503
GENERAL NOTES						•	•			504



FOR IRRITATION OF THE THROAT AND LARYNX

EMS PASTILLES (in Aluminium Tube)

INVALUABLE FOR THE PUBLIC SPEAKER

Excellent

for Chronic Bronchitis and Catarrh of the Respiratory Organs

TRADE

MARK

EMS SALT

(in Glass Container)

DISSOLVED IN HOT MILK

Sole Agents: The Apollinaris Co., Ltd., 4 Stratford Place, London, W.1