

The Journal of Laryngology and Otology

EDITED BY

A. LOGAN TURNER AND J. S. FRASER

Contents

THE FUNCTIONAL TESTS OF HEARING IN OTOSCLEROSIS	C. C. BUNCH
ATROPHIC RHINITIS	W. M. MOLLISON
ZINC WIRES AND NEEDLES FOR IONIZATION AND ELECTROLYSIS	F. H. B. NORRIE
A NEW METHOD OF LIGATING TONSILLAR VESSELS	O. POPPER
CLINICAL RECORD:—	
A CASE OF CEREBELLAR CYST: OPERATION: RECOVERY	E. WATSON-WILLIAMS
SOCIETIES' PROCEEDINGS:—	
ROYAL SOCIETY OF MEDICINE—SECTIONS OF LARYNGOLOGY AND OTOLOGY.	
ABSTRACTS:—	
THE EAR.	THE NOSE AND ACCESSORY SINUSES.
	THE LARYNX.
REVIEW OF BOOK.	LETTERS TO THE EDITORS.
OBITUARY:—	
NEIL MACLAY, M.B., C.M. (Glasgow)	{ IRWIN MOORE { DAN M'KENZIE
GENERAL NOTES.	

Edinburgh: Oliver and Boyd

London: 33 Paternoster Row

Monthly, 4/- net

Annual Subscription, 40/- net

"We have experimentally proved that Listerine is a powerful antiseptic, preventing the development of bacteria and decomposition of vegetable infusions."—*British Medical Journal*, May 3, 1890.

LISTERINE

*A safe, non-poisonous, unirritating
antiseptic solution*

LISTERINE is particularly useful in the treatment of abnormal conditions of the mucosa, and admirably suited for a wash, gargle, or douche, in catarrhal conditions of the nose and throat.

LISTERINE in proper dilution may be freely and continuously used without prejudicial effect, either by injection or spray, in all the natural cavities of the body.

LISTERINE embodies a two-fold antiseptic effect, in that after the evaporation of its volatile constituents—thyme, eucalyptus, mentha, gaultheria, and ethyl alcohol—a film of boracic and benzoic acids remains upon the surface to which Listerine has been applied, affording more prolonged antiseptic protection.

LISTERINE is a trustworthy surgical dressing; it has no injurious effect upon the tissues in which the healing process is going on.

LISTERINE in teaspoonful doses will often afford relief in fermentative dyspepsia, and is largely prescribed, with excellent results, in the various forms of diarrhoea, occurring in infants and adults.

LISTERINE literature, including special pamphlets upon *Respiratory Diseases*, may be had, by physicians, upon application to

LAMBERT PHARMACAL COMPANY

2101 Locust Street

St Louis, Mo., U.S.A.

British Agents:

S. Maw, Son & Sons, 7 Aldersgate St., London, E.C.

The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY

A. LOGAN TURNER AND J. S. FRASER

ASSISTED BY

DOUGLAS GUTHRIE AND IRWIN MOORE

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 "EDITORS, *Journal of Laryngology*, c/o Messrs OLIVER AND BOYD, Tweeddale Court, Edinburgh."

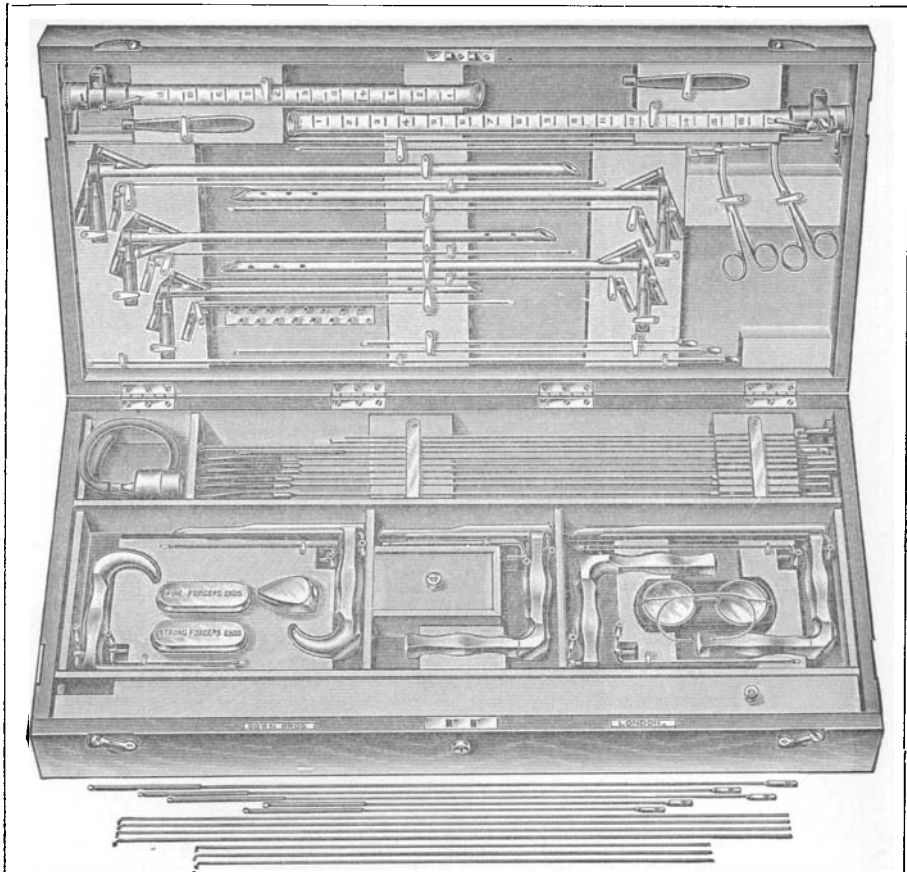
7. The Annual Subscription is Forty Shillings, post free, and is payable in advance.

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.



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 interchangeable, thus reducing the number of forceps handles and tips required.

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

Manufactured only by

DOWN BROS., L^{TD}.

SURGICAL INSTRUMENT MAKERS

21 and 23 ST THOMAS'S STREET

LONDON, S. E. 1

(Opposite Guy's Hospital)



Telegrams—"DOWN, LONDON."

Telephone—HOP 4400 (4 lines).

2nd Impression. Demy 8vo, 424 pp. 222 Text Illustrations and 12 Plates. 20s. net, Postage 9d.

DISEASES OF THE NOSE, THROAT, AND EAR

For Practitioners and Students
 Edited by **A. LOGAN TURNER, M.D., F.R.C.S.(Ed.)**
Senior Lecturer on Diseases of the Ear, Nose, and Throat, University of Edinburgh
 With the collaboration of

J. S. FRASER, M.B., F.R.C.S. (Ed.) **J. D. LITHGOW, M.B., F.R.C.S. (Ed.)**
W. T. GARDINER, M.C., M.B., F.R.C.S. (Ed.) **G. EWART MARTIN, M.B., F.R.C.S. (Ed.)**
 and **DOUGLAS GUTHRIE, M.D., F.R.C.S. (Ed.)**

"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. LONDON: SIMPKIN & CO. LTD.

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, 57-61 FORREST ROAD, EDINBURGH

Surgical Instrument Makers to Royal Infirmary, Edinburgh
 'Phone: Central 669. Telegrams: "Bandage, Edinburgh," A.B.C. Code, 5th Ed.

CENTRAL LONDON THROAT, NOSE, AND EAR HOSPITAL

GRAY'S INN ROAD

(Near King's Cross Stations)

DAILY CLINICS. Lectures on Fridays, 4 p.m.
OVER 11,000 NEW PATIENTS LAST YEAR. 50,000 ATTENDANCES.
IN-PATIENT DEPARTMENT, 43 BEDS. In-Patient Operations Daily.
SPECIAL INTENSIVE COURSE OF LECTURES AND DEMONSTRATIONS
 (including Operative Surgery Course) in co-operation with the
 Fellowship of Medicine is held twice yearly, in May and October

SURGEONS

Dr PETER H. ABERCROMBIE	Dr ANDREW WYLIE
Dr DAN MCKENZIE	Mr HAROLD KISCH
Mr NICOL RANKIN	Mr ARCHER RYLAND

ASSISTANT SURGEONS

Mr F. W. WATKYN-THOMAS	Mr C. GILL-CAREY
Mr ARMOUR BROWN	

CLINICAL ASSISTANTS

Are appointed from among those duly qualified gentlemen who have been enrolled as Post-Graduate Students of the Hospital.

FEES

For attendance on the practice of the Hospital—

Three months 5 guineas	Six months 8 guineas
Special Course, 12 guineas, or without Operative Surgery, 5 guineas.	

Further particulars on application to

ARCHER RYLAND, F.R.C.S.Ed., <i>Dean.</i>	RICHARD KERSHAW, <i>Secretary-Superintendent.</i>
--	---

IMMUNOGENS

A NEW SERIES of Bacterial Antigens of high activity and relative freedom from bacterial cells and toxins.

(*Vide pp. 177-180, BRITISH MEDICAL JOURNAL, 31st July 1926*)

THE FOLLOWING ARE NOW AVAILABLE

Gonococcus	Streptococcus
Gonococcus (Combined)	Streptococcus (Combined)
Pertussis	Pneumococcus
Pertussis (Combined)	Pneumococcus (Combined)

IN 10 c.c. RUBBER-CAPPED VIALS

Further particulars will be forwarded on request

Parke, Davis & Co.

Telephone: Regent 7804



50 Beak St., London

Telegrams: "Casaca, London"

ORARGOL

(A.F.D.)

An electrically prepared suspension of colloidal silver and gold for

RHINO - LARYNGOLOGY

AND

OPHTHALMOLOGY

AND

GENERAL ANTISEPSIS.

Indicated in the same diseases as colloidal silver, Orargol has a superior action because of the addition of the powerfully anti-infectious colloidal gold.

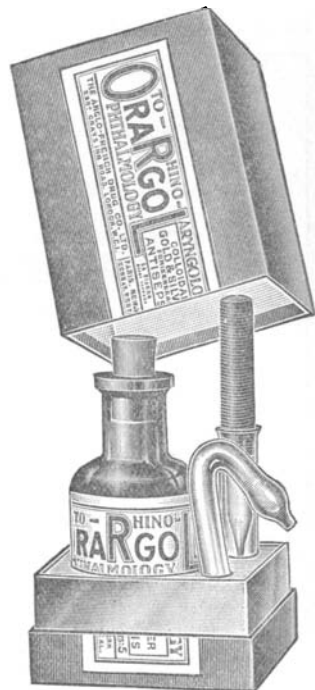
LITERATURE and SAMPLES

FROM

THE ANGLO-FRENCH DRUG Co. Ltd.,

238a GRAY'S INN ROAD,
LONDON :: W.C.1.

*Also supplied
in Bulk.*



CONTENTS

	PAGE
THE FUNCTIONAL TESTS OF HEARING IN OTOSCLEROSIS. C. C. Bunch, Ph.D.	565
ATROPHIC RHINITIS. W. M. Mollison, F.R.C.S.	585
ZINC WIRES AND NEEDLES FOR IONIZATION AND ELECTROLYSIS. F. H. B. Norrie, M.B., F.R.C.S. Ed., Calcutta	599
A NEW METHOD OF LIGATING TONSILLAR VESSELS. O. POPPER, M.B., F.R.C.S.(Ed.)	601
CLINICAL RECORD—	
A Case of Cerebellar Cyst : Operation : Recovery. E. Watson-Williams, M.C.	603
SOCIETIES' PROCEEDINGS—	
Royal Society of Medicine—Sections of Laryngology and Otology	607
ABSTRACTS—	
The Ear	617
The Nose and Accessory Sinuses	619
The Larynx	622
REVIEW OF BOOK	625
LETTERS TO THE EDITORS	627
OBITUARY: Neil Maclay, M.B., C.M.(Glasgow)	630
GENERAL NOTES	634

