

MARCH, 1920.

THE

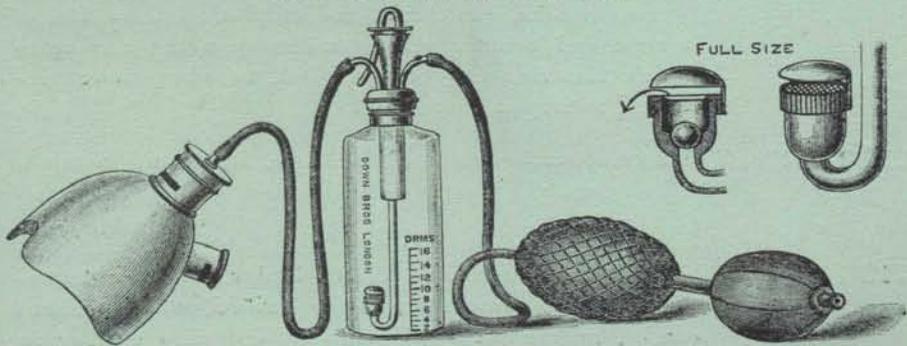
JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY:

A RECORD OF CURRENT LITERATURE
RELATING TO
THE THROAT, NOSE, AND EAR.

Printed and Published Monthly by
ADLARD & SON & WEST NEWMAN, Ltd., Bartholomew Close, London, E.C. 1.

A SAFE JUNKER'S INHALER

As made for MORRIS RIGBY, M.R.C.S., L.R.C.P.Lond., Capt., R.A.M.C.T.,
Anæsthetist, Sussex County Hospital, and 2nd Eastern
General Hospital, Brighton.



Can be used with safety in darkened rooms for Laryngological Operations, etc.

Rigby's Chloroform Inhaler complete in case £3 8s. 3d.
Rigby's Chloroform Bottle only £1 5s. 0d.

GRANDS PRIX:

Paris 1900, Brussels 1910, Buenos Aires 1910.



Gold Medal Allahabad 1910.

Manufactured by
DOWN BROS., LTD.,
Surgical Instrument Makers,
21 & 23, ST. THOMAS'S ST., LONDON, S.E.
(opposite Guy's Hospital.)

Telegrams:
"DOWN, LONDON."

Telephone:
Hop. 4400 (4 Lines).

Prepaid Annual Subscription, 40s. post free.

Single Copies, Four Shillings.

ENTERED AT STATIONERS' HALL.

"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, RHINOLOGY, AND OTOTOLOGY.

Founded in 1887 by **MORELL MACKENZIE** and **NORRIS WOLFENDEN**.

PUBLISHED UNDER THE DIRECTION OF THE EDITORIAL COMMITTEE:

H. S. BIRKETT, C.B., M.D., Brig.-Gen. C.A.M.C. (Montreal).	Sir StCLAIR THOMSON, M.D., F.R.C.S. (London). (Pres. Laryng. Sect. Internat. Cong.)
A. BROWN-KELLY, D.Sc., M.D. (Glasgow).	HERBERT TILLEY, M.D., F.R.C.S. (London). (Pres. Otol. Sect. R.S.M.)
A. CHEATLE, F.R.C.S. (Pres. Otol. Sect. Internat. Cong.).	LOGAN TURNER, M.D. (Edinburgh).
DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).	E. B. WAGGETT, D.S.O., M.B. Pres. Laryng. Sect. R.S.M.)
WILLIAM HILL, M.D. (London).	P. WATSON-WILLIAMS, M.D. (Bristol).
J. MACINTYRE, M.B., C.M. (Glasgow).	MACLEOD YEARSLEY, F.R.C.S. (London).
Sir W. MILLIGAN, M.D., M.Ch. (Manchester).	

EDITOR:

DAN MCKENZIE, M.D., F.R.C.S.E. (London),

ABSTRACTS EDITOR:

W. D. HARMER, M.C. (Cantab.), **M.B., F.R.C.S.** (London).

SUB-EDITOR:

ARCHER RYLAND, F.R.C.S.E. (London).

WITH THE CO-OPERATION OF THE STAFF OF ABSTRACTORS:

DRS. J. STODDART BARR (Glasgow), **BRADY** (Sydney, N.S.W.),
JOHN DARLING (Edinburgh), **J. K. MILNE DICKIE** (Edinburgh),
DONELAN (London), **CLAYTON FOX** (London), **J. S. FRASER** (Edinburgh),
PERRY GOLDSMITH (Toronto), **THOS. GUTHRIE** (Liverpool), **A. HUTCHISON** (Brighton),
J. D. LITHGOW (Edinburgh), **A. MCCALL** (Bournemouth),
CHICHELE NOURSE (London), **KNOWLES RENSHAW** (Manchester),
LINDLEY SEWELL (Manchester), **ALEX. R. TWEEDIE** (Nottingham),
C. E. WEST (London), **G. HAROLD L. WHALE** (London),
WRIGHT (Bristol), and **WYLIE** (London).

AND THE ASSISTANCE OF

MR. GEORGE BADGEROW (London), **DRS. J. BARR** (Glasgow),
GRAZZI (Florence), **A. BROWN KELLY** (Glasgow),
E. LAW (London), **HOLGER MYGIND** (Copenhagen), **D. PATERSON** (Cardiff),
URBAN PRITCHARD (London), **F. A. ROSE** (London), **A. SANDFORD** (Cork),
SENDZIAK (Warsaw), **H. TILLEY** (London), **RAYMOND VEREL** (Aberdeen),
E. WAGGETT (London), **SIR R. WOODS** (Dublin).

CONTRIBUTORS TO THIS NUMBER.

MR. IRWIN MOORE.	MR. J. D. LITHGOW.	DR. H. CLAYTON FOX.
DR. J. K. MILNE-DICKIE.	MR. ARCHER RYLAND.	

CONTENTS.

Special Articles—	PAGE
Adenomata (Glandular Tumours) of the Larynx.—IRWIN MOORE ...	65
Note on the Anatomy of the Membranous Labyrinth.—J. K. MILNE DICKIE... ..	76
The Semicircular Canals: A Simple Method of Demonstrating their Relative Position to each other and their Planes of Incidence.— J. D. LITHGOW	81
Clinical Notes—	
Digital Retraction of the Epiglottis during Indirect Laryngoscopy.— ARCHER KYLAND	82
Societies' Proceedings—	
ROYAL SOCIETY OF MEDICINE—	
LARYNGOLOGICAL SECTION (<i>continued from p. 58</i>).—Communications by H. LAMBERT LACK, DAN MCKENZIE, E. D. D. DAVIS	84
Abstracts—	
NASO-PHARYNX.—Three Cases of Naso-Pharyngeal Fibrous Polypi.— Palatoplasty	89
EAR.—Dilatation of the Jugular Bulb, filling the Tympanum and Part of the Auditory Meatus.—Study on the Structure of the Mastoid and Development of the Mastoid Cells: Influence of the Constitution of the Mastoid on the Evolution of Middle-ear Inflammation.— Reflections on Some Cases of Mastoiditis	90
MISCELLANEOUS.—Hæmolytic Streptococci in the Nose and Throat.— Pituitary Tumour	93
Reviews—	
John Coakley Lettsom, and the Foundation of the Medical Society of London.—SIR STCLAIR THOMSON	94
Diseases of the Nose and Throat.—HERBERT TILLEY	95
Notes and Queries	96
Book Received	96

Electrical Aids for the Deaf

CHANGE OF ADDRESS.

W. H. PETTIFOR,

Telephone Engineer,

11 VICTORIA STREET,

WESTMINSTER, S.W. 1.

Telephone:

VICTORIA, 7058.

from 34 BUCKINGHAM GATE, S.W. 1.

INSTRUMENTS ACCURATELY MADE UP FROM DOCTORS' DIAGNOSES OF INDIVIDUAL CASES.

REPAIRS TO ALL MAKES OF EAR INSTRUMENTS UNDERTAKEN.

ACCESSORIES AND BATTERIES SUPPLIED.

Further particulars will be forwarded on request.

DISEASES OF THE LARYNX, EAR AND NOSE.

Edinburgh Post-Graduate Courses.

Instruction will be given to Post-Graduates during the Spring, Summer, and Autumn Terms. Each Course will cover a period of ten weeks.

The Course, in addition to Clinical Instruction, will consist of Lecture-demonstrations on the Anatomy and Surgery of the Nasal Accessory Sinuses and Endoscopic Methods by Dr. A. Logan Turner; on the Pathology of the Ear, Nose and Larynx, by Dr. J. S. Fraser; on the Anatomy and Functional Examination of the Ear, along with an Operative Course upon the Temporal Bone, by Dr. W. T. Gardiner; and on Operations on the Pharynx and Larynx by Dr. Douglas Guthrie.

For particulars apply to the Hon. Secretary, Post-Graduate Courses in Medicine, University New Buildings, Edinburgh.

SCHOOL HYGIENE.

Published under the auspices of

The Medical Officers of Schools Association.

QUARTERLY. ANN. SUB. 4/6 post free.

ADLARD & SON & WEST NEWMAN, Ltd., 23, Bartholomew Close, London, E.C. 1.

CENTRAL LONDON THROAT AND EAR HOSPITAL

GRAY'S INN ROAD (Near King's Cross Stations.)

Large Out-Patient Clinics. Over 12,000 new patients last year.

In-Patient Department, 43 beds.

The work carried on at this Hospital comprises :

1. **The Daily Out-Patient Clinic.**

Monday, Wednesday, Thursday, Friday, Saturday, 2 p.m.

Tuesday, 5 p.m.

Conducted by

DR. ABERCROMBIE

DR. ATKINSON

DR. NICOL RANKIN

MR. STUART LOW

DR. DAN MCKENZIE

MR. ARCHER RYLAND

DR. ANDREW WYLIE

MR. HAROLD KISCH

2. **The Minor Operations.**

These are performed at 9 a.m. on Monday, Tuesday, Wednesday, Thursday, Friday.

3. **The In-Patient Department.**

Major Operations.

These take place at 2 o'clock on Monday, Tuesday, Wednesday, Thursday, Friday.

The list of operations is to be seen on the notice board in the Out-patient Consulting Room.

4. **Lectures and Demonstrations.**

Courses of Practical Instruction are given throughout the year by Members of the Staff, on Tuesdays and Fridays, at 3 p.m. punctually.

The Courses consist of two classes twice a week devoted to Anatomy, Pathology, Diagnosis and Treatment of the special diseases dealt with at the Hospital. They may be joined at any time.

A **Surgical Anatomy and Operative Surgery Class** is held when desired. The teaching is practical and demonstrative, and is illustrated by diagrams, models, specimens and instruments.

5. **The Pathological Laboratory**

Is at all times available to students. Dr. Wyatt Wingrave, Pathologist to the Hospital, is in attendance Monday, Wednesday, Friday, 3 p.m.

Clinical Assistants

Are appointed from among those gentlemen who have enrolled themselves for attendance on the practice of the Hospital.

Further particulars may be had on application to the Dean.

Fees.

For attendance on the practice of the Hospital (Clinical Assistants)—

Three months	...	5 guineas.
Six	"	8 "
Perpetual ticket	...	10 "
Operative Surgery Class		5 "

Clinical Assistants are admitted to the Lectures and Demonstrations free.

HAROLD KISCH, F.R.C.S.,
Dean.

RICHARD KERSHAW,
Secretary Superintendent.