THE

# JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOLOGY:

A RECORD OF CURRENT LITERATURE

RELATING TO

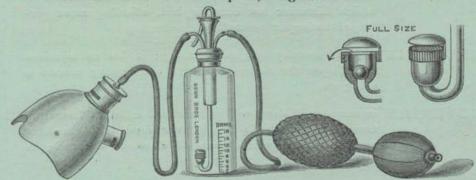
THROAT, NOSE, AND EAR.

Printed and Published Monthly by

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

## 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 Rigby's Chloroform Bottle only

£3 8s. 3d. £1 5s. Od.

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:

Telephone: Hop. 4400 (4 Lines)

Prepaid Annual Subscription, 40s. post free.

Single Copies, Four Shillings.

ENTERED AT STATIONERS' HALL.

2)

"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 constitutents—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 OTOLOGY.

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).
A. BROWN-KELLY, D.Sc., M.D. (Glasgow).
A. CHEATLE, F.R.C.S.
(Pres. Otol. Sect. Internat. Cong.).
DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).
WILLIAM HILL, M.D. (London).
J. MACINTYRE, M.B., C.M. (Glasgow).
Sir W. MILLIGAN, M.D., M.Ch. (Manchester).

Sir StCLAIR THOMSON, M.D., F.R.C.S.(London). (Pres. Laryng. Sect. Internat. Cong.)
HERBERT TILLEY, M.D., F.R.C.S. (London). (Pres. Otol. Sect. R.S.M.)
LOGAN TURNER, M.D. (Edinburgh).
E. B. WAGGETT, D.S.O., M.B.
Pres. Laryng. Sect. R.S.M.)
P. WATSON-WILLIAMS, M.D. (Bristol).
MACLEOD YEARSLEY, F.R.C.S. (London).

#### 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),
IRWIN MOORE (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.

DR. J. K. MILNE-DICKIE.

DR. PERRY GOLDSMITH. DR. ARCHER RYLAND. DR. J. S. FRASER

## CONTENTS.

Special Articles—										PAG
Chronic Middle- plicated by I MILNE DICK	Labyrii									129
The Aqueduct of XXXIV, p. 33					aralys 	sis (Cont	inued 	from V	ol. 	135
Societies' Proceed	lings-	-								
ROYAL SOCIETY	ог Меі	DICINI	e							
Otological W. Stuart- O'Malley										144
Abstracts—										
Nose.—On the M Modification Atmosphere	s of the									158
TonsilsTonsil	llectom	y vers	us Hel	io-elec	tric M	ethods				154
EAR.—Brain Abscess: Operation and Recovery										158
MISCELLANEOUS.	_Surgi	ical T	reatm	ent of I	Facial	Paralysi	is			155
Review-										
Studies in the A		and	Surge	ry of	the N	ose and	Ear.	ADAM	E.	
Sмітн, M.D		•••		•••		•••	•••	•••	::	158
Obituary		•••		•••			•••			158
New Instruments		•••		•••			•••			159
Notes and Querie	s									160

THE DIFFERENTIAL
DIAGNOSIS OF
SYPHILITIC AND
NON-SYPHILITIC
AFFECTIONS OF THE
SKIN, INCLUDING
TROPICAL DISEASES.

A Survey for Medical Practitioners and Students.

ВΥ

### **GEORGE PERNET**

M.D.,

Dermatologist to the West London Hospital; Lecturer on Dermatology, West London Post-Graduate College,

鱼

Demy 8vo, Cloth. 5/- net.

LONDON:

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

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.

## ARCHD. YOUNG & SON, 57-61, Forrest Rd., EDINBURGH.

Surgical Instrument Makers to Royal Infirmary, Edinburgh.

'Phone: Central 669.

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

# SCHOOL HYGIENE.

Published under the auspices of

The Medical Officers of Schools Association.

OUARTERLY. 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:

## The Daily Out-Patient Clinic.

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

Tuesday, 5 p.m.

DR. ABERCROMBIE MR. STUART LOW DR. ANDREW WYLIE

Dr. Atkinson DR. DAN MCKENZIE MR. HAROLD KISCH

Dr. NICOL RANKIN MR. ARCHER RYLAND

#### The Minor Operations. 2.

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

### The In-Patient Department. .3. 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

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. 8 Six 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.