

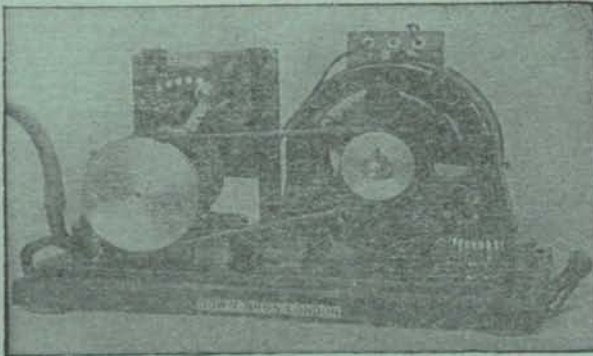
THE
**JOURNAL OF LARYNGOLOGY,
 RHINOLOGY, AND OTOTOLOGY:**

A RECORD OF CURRENT LITERATURE

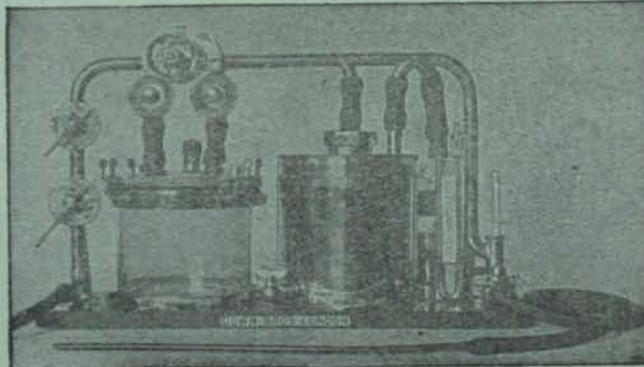
RELATING TO

THE THROAT, NOSE, AND EAR.

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



Rotary Blower with Electric Motor.



Etherization Apparatus.

AN IMPROVED
PORTABLE APPARATUS
 FOR THE
**Intra-Tracheal
 Administration
 of Ether.**

Made after the design of
 Mr. R. E. KELLY, F.R.C.S.;
 Liverpool.

**DOWN BROS.,
 LTD.,**

Surgical Instrument Makers,
 21 & 23, St. Thomas's Street
 (OPPOSITE GUY'S HOSPITAL),
LONDON, S.E.

Telegrams:
 "DOWN, LONDON."

Telephone:
 Hop 4400 (4 lines).

GRANDS PRIX:
 Paris 1900, Brussels 1910, Buenos Aires 1910



Gold Medal (Highest Award),
 Allahabad 1910.

Prepaid Annual Subscription, £1 (5 dollars) post free.

Single Copies, Two 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 OTOLOGY.

Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN.

PUBLISHED UNDER THE DIRECTION OF THE EDITORIAL COMMITTEE:

A. CHEATLE, F.R.C.S. (Pres. Otol. Sect. Internat. Cong.)
DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).
ALBERT A. GRAY, M.D. (Glasgow). (Pres. Otol. Sect. R.S.M.)
WILLIAM HILL, M.D. (London).
T. MARK HOVELL, M.D. F.R.C.S.E., (Pres. Laryng. Sect. R.S.M.)

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).
LOGAN TURNER, M.D. (Edinburgh).
P. WATSON-WILLIAMS, M.D. (Bristol).
MACLEOD YEARSLEY, F.R.C.S. (London).

EDITOR:

DAN MCKENZIE, M.D., F.R.C.S.E. (London),
To whom all communications should be addressed.

WITH THE CO-OPERATION OF THE STAFF OF ABSTRACTORS:

DRS. J. STODDART BARR (Glasgow), H. S. BIRKETT (Montreal), BRADY (Sydney, N.S.W.)
JOHN DARLING (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), W. G. PORTER (Edinburgh),
KNOWLES RENSHAW (Manchester), ARCHER RYLAND (London),
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), HUGO FREY (Vienna),
GRAZZI (Florence), A. BROWN KELLY (Glasgow),
E. LAW (London), MASSEI (Naples), D. PATERSON (Cardiff),
URBAN PRITCHARD (London), F. A. ROSE (London), A. SANDFORD (Cork),
SENDZIAK (Warsaw), H. TILLEY (London), RAYMOND VUREL (Aberdeen),
E. WAGGETT (London), R. WOODS (Dublin).

CONTRIBUTORS TO THIS NUMBER.

DR. J. S. FRASER. | MR. DOUGLAS GUTHRIE. | MR. A. J. BRADY.
MR. R. MUIR. | CAPT. ARCHER RYLAND. | MR. MACLEOD YEARSLEY.
DR. DUNDAS GRANT.

THE CITY OF DIN

A TIRADE AGAINST NOISE

BY

DAN MCKENZIE, M.D.(GLASG.)

Demy 8vo, Cloth, 115 pp. Price 3/6 net.

"Pithily and wittily written, it is a book to be read by every citizen, and then to be pondered over, and not merely laid aside as the pleasant beguiler of an hour."— *Practitioner*.

LONDON: ADLARD & SON AND WEST NEWMAN,
BARTHOLOMEW CLOSE, E.C.

CONTENTS.

Special Article—	PAGE
Reports for the Year 1916 from the Ear and Throat Department of the Royal Infirmary, Edinburgh—Part IV—The Pathology of Otosclerosis.—J. S. FRASER and R. MUIR (with 17 Plates)	465
Clinical Note—	
The Influence of Position on the Appearances of the Normal Pharynx.—DOUGLAS GUTHRIE	479
Societies' Proceedings—	
ROYAL SOCIETY OF MEDICINE—OTOLOGICAL SECTION.—Communications by J. S. FRASER, SYDNEY SCOTT, E. D. D. DAVIS	481
AMERICAN LARYNGOLOGICAL ASSOCIATION (<i>continued from p. 454</i>).—Communications by D. BRYSON DELAVAN, J. GORDON WILSON, LEWIS A. COFFIN	486
Abstracts—	
NOSE.—Exploratory Opening of the Sphenoidal Sinus.—Intranasal Operation for the Cure of Dacryo-cystitis	490
EAR.—Shell Shock without Visible Signs of Injury.—Foreign Bodies in the Ear.—A case of Shell Concussion: Treatment by General Anæsthesia	491
MISCELLANEOUS.—Warfare Neuroses of the Throat and Ear.—The Reaction of the Child to a Faulty Environment.—Osteogenesis Imperfecta	493
Reviews—	
The City of Din: A Tirade against Noise. By DAN MCKENZIE	495
The Medical Annual: A Year Book of Treatment and Practitioners' Index	496
Correspondence	496
Books Received	496

