

VOL. XXVII.—1912.

THE
**JOURNAL OF LARYNGOLOGY,
RHINOLOGY, & OTOTOLOGY;**

A RECORD OF CURRENT LITERATURE

RELATING TO

THE THROAT, NOSE, AND EAR.

PUBLISHED MONTHLY.

London:
ADLARD AND SON, BARTHOLOMEW PRESS
BARTHOLOMEW CLOSE, E.C.

ENTERED AT STATIONERS' HALL.

THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.

Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN.

EDITORIAL COMMITTEE:

A. H. CHEATLE, F.R.C.S. (<i>London</i>) (<i>Pres. Otol. Sect. Internat. Cong.</i>).	STCLAIR THOMSON, M.D., F.R.C.S. (<i>London</i>) (<i>Pres. Laryng. Sect. Internat. Cong.</i>).
DUNDAS GRANT, M.A., M.D., F.R.C.S. (<i>London</i>) (<i>Pres. Otol. Sect. R.S.M.</i>).	H. TILLEY, F.R.C.S. (<i>London</i>) (<i>Pres. Laryng. Sect. R.S.M.</i>).
W. MILLIGAN, M.D., M.CH. (<i>Manchester</i>).	LOGAN TURNER, M.D. (<i>Edinburgh</i>).
J. MACINTYRE, M.B. C.M., (<i>Glasgow</i>).	P. WATSON-WILLIAMS, M.D. (<i>Bristol</i>).
	MACLEOD YEARSLEY, F.R.C.S. (<i>London</i>).

EDITOR:

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

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*), PRICE-BROWN (*Toronto*), KNOWLES RENSHAW (*Manchester*), LINDLEY SEWELL (*Manchester*), ALEX. R. TWEEDIE (*Nottingham*), C. E. WEST (*London*), WRIGHT (*Bristol*), and WYLIE (*London*).

AND THE ASSISTANCE OF

DRS. J. BARR, (*Glasgow*), HUGO FREY (*Vienna*), A. A. GRAY, (*Glasgow*), GRAZZI (*Florence*), MIDDLEMASS HUNT (*Liverpool*), A. BROWN KELLY (*Glasgow*), E. LAW (*London*), MASSEI (*Naples*), D. PATERSON (*Cardiff*), URBAN PRITCHARD (*London*), F. A. ROSE (*London*), A. SANDFORD (*Cork*), SENDZIAK (*Warsaw*), E. WAGGETT (*London*), R. WOODS (*Dublin*).

PLATE.

SIR HENRY T. BUTLIN, D.C.L., F.R.C.S.

TO FACE
PAGE
129

ILLUSTRATIONS IN TEXT.

	PAGE
MELANO-SARCOMA OF NOSE. MR. GEO. WILKINSON.	
PHOTOGRAPH OF UPPER JAW	2
SECTION OF PRIMARY GROWTH	3
SECTION OF POLYPUS	4
SECTION THROUGH EDGE OF ULCER	5
MALFORMATION OF EXTERNAL SEMICIRCULAR CANAL. A. H.	
CHEATLE	32
HILL'S ORO-ŒSOPHAGO-GASTRIC INTUBATION APPARATUS	
DISTAL EXTREMITY OF SAME	58
A SIMPLIFIED INSUFFLATOR. JOBSON HORNE	
.	92
A RARE FORM OF THE DIPLOËTIC TYPE OF TEMPORAL BONE. A. H.	
CHEATLE	99
HILL'S ŒSOPHAGO-GASTROSCOPE	
.	128
P. WATSON-WILLIAMS' "UNIVERSAL SYRINGE"	
EXPLORING CANNULA	144
IVORY EXOSTOSIS OF FRONTAL SINUS. W. SAMPSON HANDLEY	233, 234
TONSILLECTOMY. J. H. H. PEARSON.	
FUSION OF FAUCIAL PILLARS	246
FLATTENING OF BOTH FAUCIAL PILLARS	247
ANTERIOR PILLAR FUSED TO POSTERIOR PILLAR	248
ANTERIOR AND POSTERIOR PILLARS PRESERVED	249
ENLARGEMENT OF NOSE FROM NASAL POLYPI. H. TILLEY.	273
SCHEME OF VESTIBULAR NERVES AND THEIR CONNECTIONS. E.	
RUTTIN	283
COLLAR-STUD IMPACTED IN THE GLOTTIS. H. J. DAVIS	318
PHOTOGRAPHS OF WAX-MODEL OF INNER TYMPANIC WALL. S.	
SCOTT	424, 425
ILLUSTRATIONS OF DR. WATSON WILLIAMS' OSTEOPLASTIC FRONTAL	
SINUS OPERATION	430, 431
SKIAGRAMS ILLUSTRATING TREATMENT OF NON-MALIGNANT STRIC-	
TURE OF GULLET. W. HILL.	443
W. HILL'S FUNNEL-SHAPED ENDOSCOPE	444
W. H. KELSON'S SPHENOIDAL SINUS, CANNULA AND STYLET	576
RESECTION OF NASAL SEPTUM FOR DOUBLE SPHENOIDAL SINUS	
SUPPURATION. P. WATSON WILLIAMS	592

THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.

Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN.

PUBLISHED UNDER THE DIRECTION OF THE EDITORIAL COMMITTEE:

DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).	ST CLAIR THOMSON, M.D., F.R.C.S. (London).
W. MILLIGAN, M.D., M.Ch. (Manchester).	(Pres. Laryng. Sect. R.S.M.).
(Pres. Otol. Sect. R.S.M.).	LOGAN TURNER, M.D. (Edinburgh).
J. MACINTYRE, M.B., C.M. Glasgow.	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. LITHGOW (Edinburgh), A. McCALL (Bournemouth),
CHICHELE NOURSE (London), W. G. PORTER (Edinburgh), PRICH-BROWN (Toronto),
LINDLEY SEWELL (Manchester), ALEX. R. TWEEDIE (Nottingham),
C. E. WEST (London), WRIGHT (Bristol), and WYLIE (London).

AND THE ASSISTANCE OF

DRS. J. BARR (Glasgow), A. H. CHEATLE (London), A. A. GRAY (Glasgow),
GRAZZI (Florence), MIDDLEMASS HUNT (Liverpool), 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), E. WAGGETT (London),
R. WOODS (Dublin).

CONTRIBUTORS TO THIS NUMBER.

MR. GEORGE WILKINSON.	MR. A. J. BRADY.	MR. MACLEOD YEARSLEY.
PROF. A. ONODI.	DR. J. D. LITHGOW.	DR. ALEX. R. TWEEDIE.
DR. ADOLPH BRONNER.	DR. JAMES DONELAN.	

MEDICAL GRADUATES' COLLEGE

AND

POLYCLINIC,

22, Chenies Street, Gower Street, London, W.C.

HONORARY PRESIDENT:

SIR JONATHAN HUTCHINSON, F.R.S., LL.D.

PRESIDENT:

THEODORE WILLIAMS, M.D., F.R.C.P., M.V.O.

Clinical Demonstrations of Selected Cases daily (except Saturdays) at 4 p.m.

The teachers include members of the Staffs of the General and Special Hospitals and Medical Schools of the Metropolis and elsewhere.

The Demonstrations on Friday afternoons at 4 p.m. are devoted to Diseases of the Throat, Nose, Ear and Eye.

Annual Subscription, admitting to all Lectures and Demonstrations, One Guinea.

Special Practical Classes are conducted in Otology (Dr. DAN MCKENZIE), Laryngology (Mr. J. GAY FRENCH), and Rhinology (Mr. STUART-Low), etc.
Pathological Investigations of all kinds are carried out in the Laboratory.

Further Particulars may be obtained from the Medical Superintendent,

MAJOR VINT, M.B., 22, Chenies Street, Gower Street, London, W.C.

CONTENTS.

Special Articles—

	PAGE
Serous Meningitis, Choked Disc, and Multiple Polyneuritis of certain Cranial Nerves in a Young Alcoholic Smoker.—J. N. ROY ...	465
Observations on the Mechanism of Paracusis (Willisii).—F. P. STURM ...	470

Societies' Proceedings—

ROYAL SOCIETY OF MEDICINE.—OTOLOGICAL SECTION.—Communications by A. E. BARCLAY, W. MILLIGAN, J. LORRAIN SMITH, W. MAIR, F. G. WRIGLEY, F. H. WESTMACOTT, J. ARNOLD JONES, T. H. PINDER, D. LINDLEY SEWELL, ELLIOTT SMITH ...	477
--	-----

PROCEEDINGS OF THE ROYAL SOCIETY OF MEDICINE.—LARYNGOLOGICAL SECTION.—Communications by STCLAIR THOMSON, P. WATSON-WILLIAMS, HERBERT TILLY, W. STUART-LOW, W. H. KELSON, H. FITZGERALD POWELL, CYRIL HORSFORD, G. SECCOMBE HETT, G. C. CATHCART, F. W. BENNETT, H. J. DAVIS...	494
--	-----

PROCEEDINGS OF THE AMERICAN LARYNGOLOGICAL, RHINOLOGICAL, AND OTOLOGICAL SOCIETY.—Communications by SAMUEL McCULLAGH, ROSS HALL SKILLERN, GEORGE E. PFAHLER, HANAU W. LOEB, JOSEPH P. TUNIS, JOSEPH C. BECK, WENDELL C. PHILLIPS ...	504
--	-----

Abstracts—

LARYNX.—Suspension Laryngoscopy ...	513
NOSE.—Caries of Frontal Bone and Intra-cranial Abscess due to Bacillus Typhosus eleven years after attack of Typhoid Fever.—Simultaneous Bilateral Nasal Operations, and their After-treatment.—A Tumour of the Pituitary Region Successfully Removed via the Endonasal Route.	513
NOSE AND NASO-PHARYNX.—Ten Cases of Primary Malignant Tumour of the Naso-Pharynx (Four Sarcomata, Five Carcinomata, and One Endothelioma) ...	515
EAR.—“Hyperacusis Willisii.”—Notes on Pathology of the Ear ...	516
PHARYNX AND ESOPHAGUS.—Syphilis, Diphtheritic Paralysis, Palatine Herpes...	517

Review—

The Nature and Causes of Catarrhal “Throat” or Hereditary Deafness. An Explanation of Paracusis Willisii. The Mechanism of Aural Accommodation. The Regulation of Labyrinthine Fluid Pressure. The Tightening of Relaxed Tympanic Membranes and Joints. The Relief of Tinnitus Aurium. With a Description of a New Method of Treatment and some Illustrative Cases.—CHAS. J. HEATH ...	518
--	-----

Books Received—

De l'Enrouement chez les Chanteurs: Étude physio-pathologique de la voix Chantée. (Travail de la Clinique oto-rhino-laryngologique de la Faculté de Médecine de Bordeaux).—Prescribers' Formulary and Index of Pharmacy ...	520
---	-----

GUIDE TO ADVERTISEMENTS.

	PAGE		PAGE
Adlard & Son ...	v	Kegan Paul, Trench, Trübner & Co.	v
Allen & Hanburys ...	xii	Lambert Pharmacal Co.	ii
Central London Throat and Ear Hospital ...	viii	Mayer and Meltzer ...	ix, xi
Medical Publishing Company, Ltd.	vi	Medical Graduates' College and Polyclinic ...	iii
Down Bros. ...	i	Parke, Davis & Co. ...	v
Golden Square Throat Hospital ...	x	Wright & Sons ...	vii

THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.

Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN.

PUBLISHED UNDER THE DIRECTION OF THE EDITORIAL COMMITTEE:

DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).	Sir STCLAIR THOMSON, M.D., F.R.C.S.
W. MILLIGAN, M.D., M.Ch. (Manchester).	(London). (Pres. Laryng. Sect. R.S.M.).
(Pres. Otol. Sect. R.S.M.).	LOGAN TURNER, M.D. (Edinburgh).
J. MACINTYRE, M.B., C.M. (Glasgow).	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 ABSIRATORS:

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. LITHGOW (Edinburgh), A. McCAIL (Bournemouth),
CHICHELE NOURSE (London), W. G. PORTER (Edinburgh), PRICE-BROWN (Toronto),
KNOWLES RENSHAW (Manchester), LINDLEY SEWELL (Manchester),
ALEX. R. TWEEDIE (Nottingham), C. E. WEST (London), WRIGHT (Bristol),
and WYLIE (London).

AND THE ASSISTANCE OF

DRS. J. BARR (Glasgow), A. H. CHEATLE (London), HUGO FREY (Vienna),
A. A. GRAY (Glasgow), GRAZZI (Florence), MIDDLEMASS HUNT (Liverpool),
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),
E. WAGGETT (London), R. WOODS (Dublin).

CONTRIBUTORS TO THIS NUMBER.

DR. WILLIAM MILLIGAN.	MR. MACLEOD YEARSLEY.	DR. A. J. WRIGHT.
DR. JULES BROECKHAERT.	DR. J. S. FRASER.	DR. JAMES DONELAN.
MR. H. L. GREGORY.	DR. PRICE-BROWN.	

MEDICAL GRADUATES' COLLEGE AND POLYCLINIC,

22, Chenies Street, Gower Street, London, W.C.

HONORARY PRESIDENT:

SIR JONATHAN HUTCHINSON, F.R.S., LL.D.

PRESIDENT:

THEODORE WILLIAMS, M.D., F.R.C.P., M.V.O.

The teachers include members of the Staffs of the General and Special Hospitals and Medical Schools of the Metropolis and elsewhere.

Lectures.—October 16th, by Dr. J. DUNDAS GRANT; October 22nd, by Dr. WILLIAM HILL. The Demonstrations on Friday afternoons at 4 p.m. are devoted to Diseases of the Throat, Nose, Ear and Eye.

Annual Subscription, admitting to all Lectures and Demonstrations, One Guinea.

Special Vacation Practical Classes are conducted in Otology (Dr. DAN MCKENZIE), Laryngology (Mr. J. GAY FRENCH), and Rhinology (Mr. STUART-Low), etc.

Pathological Investigations of all kinds are carried out in the Laboratory.

Further Particulars may be obtained from the Medical Superintendent,

MAJOR VINT, M.B., 22, Chenies Street, Gower Street, London, W.C.