



14961

VOL. XXV.—1910.

THE  
JOURNAL OF LARYNGOLOGY,  
RHINOLOGY, AND OTOTOLOGY;

AN ANALYTICAL RECORD OF CURRENT LITERATURE

RELATING TO

THE THROAT, NOSE, AND EAR.

---

PUBLISHED MONTHLY.

---

London:  
ADLARD AND SON,  
BARTHOLOMEW CLOSE.

ENTERED AT STATIONERS' HALL.



# THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOLOGY.

---

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

---

PROPRIETORS AND EDITORS :

**JOHN MACINTYRE, M.B., M.Ch., F.R.S.E.**  
**ARTHUR SANDFORD, M.D., M.Ch.R.U.I.**  
**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**  
**W. MILLIGAN, M.D., M.Ch.**

CONTROLLING EDITOR :

**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**

SUB-EDITOR :

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

WITH THE CO-OPERATION OF

**DRS. PRICE-BROWN** (*Toronto*), **CARTAZ** (*Paris*), **BRYSON DELAVAN** (*New York*),  
**DODD** (*Chicago*), **DONELAN** (*London*), **CLAYTON FOX** (*London*),  
**J. S. FRASER** (*Edinburgh*), **GRAY** (*Glasgow*), **GUTHRIE** (*Liverpool*), **GRAZZI** (*Florence*),  
**HICQUET** (*Brussels*), **MIDDLEMASS HUNT** (*Liverpool*), **HUTCHISON** (*Brighton*),  
**JOAL** (*Paris*), **KELLY** (*Glasgow*), **LACARRET** (*Toulouse*), **LICHTWITZ** (*Bordeaux*),  
**LIEVEN** (*Aix-la-Chapelle*), **JOHN N. MACKENZIE** (*Baltimore*),  
**PROF. MASSEI** (*Naples*), **MCCALL** (*Bournemouth*), **MEYJES** (*Amsterdam*),  
**MYLES** (*New York*), **HOLGER MYGIND** (*Copenhagen*), **CHICHELE NOURSE** (*London*),  
**PORTER** (*St. Louis*), **W. G. PORTER** (*Edinburgh*), **KNOWLES RENSHAW** (*Manchester*),  
**SACHS** (*Hamburg*), **SAJOUS** (*Philadelphia*), **SENDZIAK** (*Warsaw*),  
**LINDLEY SEWELL** (*Manchester*), **SOTA** (*Seville*), **STCLAIR THOMSON** (*London*),  
**PURVES STEWART** (*London*), **HUNTER TOD** (*London*), **ALEX. TWEEDIE** (*Nottingham*),  
**WOODS** (*Dublin*), **WYLIE** (*London*), **MACLEOD YEARSLEY** (*London*),  
AND **ZIEM** (*Dantzic*).

## LIST OF PLATES.

	TO PAGE PAGE
PLATE. TO ILLUSTRATE DR. R. M. BUCHANAN'S PAPER ON LATENT DIPHThERIA . . . . .	62
PLATE. TO ILLUSTRATE MESSRS. W. G. PORTER AND J. M. DARLING'S REPORT . . . . .	179
PLATES. TO ILLUSTRATE DR. A. A. GRAY'S PAPER ON DEAF-MUTISM 227, 228, 230, 232	227, 228, 230, 232
PLATES. TO ILLUSTRATE DR. A. BROWN KELLY'S PAPER ON IN- SUFFICIENCY OF PALATE . . . . .	287, 345
PLATE OF PORTRAIT OF THE LATE E. CRESSWELL BABER . . . . .	337
PLATES. TO ILLUSTRATE DR. BRUCE'S AND MR. FRASER'S PAPER ON MÉNIÈRE'S SYNDROME . . . . .	398, 400
PLATE. TO ILLUSTRATE MR. G. S. HETT'S PAPER ON THE CAPSULE OF THE TONSIL . . . . .	564

---

## ILLUSTRATIONS IN TEXT.

	PAGE
ILLUSTRATING DR. BROWN KELLY'S PAPER ON INSUFFICIENCY OF THE PALATE . . . . .	289, 293-299
"VAPOROLE INHALER" . . . . .	504
ILLUSTRATING MR. H. S. HETT'S PAPER ON THE CAPSULE OF THE TONSIL . . . . .	566, 568, 569

# THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOLOGY.

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

PROPRIETORS AND EDITORS.

**JOHN MACINTYRE, M.B., M.Ch., F.R.S.E.**  
**ARTHUR SANDFORD, M.D., M.Ch.R.U.I.**

**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**  
**W. MILLIGAN, M.D., M.Ch.**

CONTROLLING EDITOR.

**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**

SUB-EDITOR.

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

WITH THE CO-OPERATION OF

**DRS. PRICE-BROWN (Toronto), CARTAZ (Paris), BRYSON DELAVAN (New York),**  
**DODD (Chicago), DONELAN (London), CLAYTON FOX (London),**  
**J. S. FRASER (Edinburgh), GRAY (Glasgow), GUTHRIE (Liverpool), GRAZZI (Florence),**  
**HICQUET (Brussels), MIDDLEMASS HUNT (Liverpool), HUTCHISON (Brighton),**  
**JOAL (Paris), KELLY (Glasgow), LACOARRET (Toulouse), LICHTWITZ (Bordeaux),**  
**LIEVEN (Aix-la-Chapelle), JOHN N. MACKENZIE (Baltimore), PROF. MASSEI (Naples),**  
**MCCALL (Bournemouth), MEYJES (Amsterdam), MYLES (New York),**  
**HOLGER MYGIND (Copenhagen), CHICHELE NOURSE (London), PORTER (St. Louis),**  
**W. G. PORTER (Edinburgh), KNOWLES RENSHAW (Manchester), SACHS (Hamburg),**  
**SAJOUS (Philadelphia), SENDZIAK (Warsaw), LINDLEY SEWELL (Manchester),**  
**SOTA (Seville), STCLAIR THOMSON (London), PURVES STEWART (London),**  
**HUNTER TOD (London), ALEX. TWEEDIE (Nottingham), WOODS (Dublin),**  
**WYLIE (London), MACLEOD YEARSLEY (London), AND ZIEM (Dantzg).**

CONTRIBUTORS TO THIS NUMBER

**DR. P. W. WILLIAMS.**  
**DR. THOMAS GUTHRIE.**

**MR. ALEX R. TWEEDIE.**  
**DR. DAN MCKENZIE.**

**DR. DUNDAS GRANT.**

## **MEDICAL GRADUATES' COLLEGE** **AND** **POLYCLINIC,**

**22, Cheries 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.**

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

Lectures daily (except Friday and Saturday) at 5.15 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, and during January they are as follows: Jan. 7.—Mr. J. GAY FRENCH (Ear, Nose, and Throat). Jan. 14.—Dr. WILLIAM HILL (Ear, Nose, and Throat). Jan. 21.—Mr. W. STUART-LOW (Ear, Nose, and Throat). Jan. 28.—Mr. R. E. BICKERTON (Eye).

Lectures will be given at 5.15 p.m. as follows: Wednesday, Jan. 5.—Dr. JAMES DONELAN, "On Suppurations in the Maxillary Antrum." Wednesday, Jan. 12.—Dr. SCANES SPICER, "A New Cardinal Principle in the Treatment of Disease and its application in Disorders of the Nose and Throat." Wednesday, Jan. 19.—Dr. LIEVEN, "On the Treatment of Syphilis." Jan. 20.—Dr. ANDREW WYLIE, "Fœtid Breath."

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

Special Practical Classes are conducted in Otolaryngology (Mr. KELSON), Laryngology (Dr. DUNDAS GRANT), 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, Cheries Street, Gower Street, London, W.C.

# CONTENTS.

<b>Obituary—</b>	<b>PAGE</b>
The late Edward Cresswell Baber, M.B.Lond.—(With Plate) ...	337
<b>Special Articles—</b>	
Notes on the Pathogeny of Cholesteatomata.—V. WYATT WINGRAVE ...	339
Congenital Insufficiency of the Palate.—A. BROWN KELLY ( <i>concluded from p. 300</i> ) ...	342
<b>Societies' Proceedings—</b>	
ROYAL SOCIETY OF MEDICINE—LARYNGOLOGICAL SECTION. Communications by SOMERVILLE HASTINGS, J. DUNDAS GRANT, JAMES DONELAN, JOBSON HORNE, FITZGERALD POWELL, DAN MCKENZIE, ANDREW WYLIE, W. STUART-LOW, L. A. LAWRENCE, W. HOWARTH, WM. HILL, L. H. PEGLER ...	358
ROYAL SOCIETY OF MEDICINE—OTOLOGICAL SECTION.—Communications by A. L. WHITEHEAD, P. H. ABERCROMBIE AND DAN MCKENZIE, H. J. DAVIS, HUNTER TOD, GEORGE WILKINSON, P. WATSON WILLIAMS, G. J. JENKINS ...	369
INTERNATIONAL CONGRESS OF MEDICINE AT BUDAPEST ( <i>continued from p. 330</i> ).—Communications by GRADENIGO, T. HEIMAN, JÖRGEN MÖLLER, M. LERMOYEZ, MOURE ...	383
<b>Abstracts—</b>	
NOSE.—The Lymphatic Vessels of the Accessory Sinuses of the Nose.—Cytological Examination of the Discharge in Cases of Suppuration of the Maxillary Sinus as a Guide to Treatment ...	389
PHARYNX.—Tuberculosis of the Tonsil, associated with Tuberculous Glands of the Neck ...	390
LARYNX AND TRACHEA.—Cases of Laryngeal Tumour, with Remarks on the Technique of their Removal ...	390
EAR.—On the Significance of Certain Labyrinth Symptoms.—Case of Temporo-sphenoidal Abscess of Otic Origin, accompanied by two Epidural Abscesses and one Subperiosteal Abscess.—Method of Opening the Mastoid Antrum through the External Auditory Meatus as the First Step in the Mastoid Operation ...	391

## GUIDE TO ADVERTISEMENTS.

	<b>PAGE</b>		<b>PAGE</b>
Allen & Hanburys ...	xii	Mayer and Meltzer ...	ix, xi
Central London Throat and Ear Hospital ...	viii	Medical Graduates' College and Polyclinic ...	iii
Down Bros. ...	i	Parke, Davis & Co. ...	v
Foyle, A. L. ...	vii	Rogers, Frank A. ...	vii
Golden Square Throat Hospital ...	x	Rouse & Co. ...	v
Lambert Pharmacal Co. ...	ii	John Wright and Sons ...	vi

# THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOLOGY.

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

PROPRIETORS AND EDITORS.

**JOHN MACINTYRE, M.B., M.Ch., F.R.S.E.**  
**ARTHUR SANDFORD, M.D., M.Ch.R.U.I.**

**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**  
**W. MILLIGAN, M.D., M.Ch.**

CONTROLLING EDITOR.

**DUNDAS GRANT, M.A., M.D., F.R.C.S.Eng.**

SUB-EDITOR.

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

WITH THE CO-OPERATION OF

DRS. PRICE-BROWN (*Toronto*), CARTAZ (*Paris*), BRYSON DELAVAN (*New York*),  
DODD (*Chicago*), DONELAN (*London*), CLAYTON FOX (*London*),  
J. S. FRASER (*Edinburgh*), GRAY (*Glasgow*), GUTHRIE (*Liverpool*), GRAZZI (*Florence*),  
HICGUET (*Brussels*), MIDDLEMASS HUNT (*Liverpool*), HUTCHISON (*Brighton*),  
JOAL (*Paris*), KELLY (*Glasgow*), LACOARRET (*Toulouse*), LICHTWITZ (*Bordeaux*),  
LIEVEN (*Aix-la-Chapelle*), JOHN N. MACKENZIE (*Baltimore*), PROF. MASSEI (*Naples*),  
MCCALL (*Bournemouth*), MEYJES (*Amsterdam*), MYLES (*New York*),  
HOLGER MYGIND (*Copenhagen*), CHICHELE NOURSE (*London*), PORTER (*St. Louis*),  
W. G. PORTER (*Edinburgh*), KNOWLES RENSHAW (*Manchester*), SACHS (*Hamburg*),  
SAJOUS (*Philadelphia*), SENDZIAK (*Warsaw*), LINDLEY SEWELL (*Manchester*),  
SOTA (*Seville*), STCLAIR THOMSON (*London*), PURVES STEWART (*London*),  
HUNTER TOD (*London*), ALEX. R. TWEDDIE (*Nottingham*), WOODS (*Dublin*),  
WYLIE (*London*), MACLEOD YEARSLEY (*London*), AND ZIEM (*Dantzic*).

## CONTRIBUTORS TO THIS NUMBER

DR. ALEXANDER BRUCE.  
MR. J. S. FRASER.  
DR. BOURGUET.  
MR. MACLEOD YEARSLEY.  
MR. J. RAMSAY HUNT.

DR. DAN MCKENZIE.  
MR. ALEX. R. TWEDDIE.  
DR. A. J. HUTCHISON.  
MR. W. G. PORTER.  
MR. THOMAS GUTHRIE.

DR. DUNDAS GRANT.  
MR. PRICE-BROWN.  
MR. ANTHONY MCCALL.  
MR. CHICHELE NOURSE.

# MEDICAL GRADUATES' COLLEGE AND POLYCLINIC,

22, Cheries 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.

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

Lectures daily (except Friday and Saturday) at 5.15 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 Otolaryngology (Mr. STUART-LOW and Mr. KELSON), Laryngology (Dr. DUNDAS GRANT and Mr. H. S. BARWELL), and Rhinology (Mr. STUART-LOW), etc.

*A Three Weeks' Vacation Course will be held in August. Laryngology.*—Dr. DUNDAS GRANT and Mr. HAROLD BARWELL. *Otolaryngology.*—Dr. G. C. CATHCART. *Rhinology.*—Mr. STUART-LOW.

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, Cheries Street, Gower Street, London, W.C.