



**VOL. XV.—1900.**

THE  
JOURNAL OF LARYNGOLOGY,  
RHINOLOGY, AND OTOTOLOGY;

AN ANALYTICAL RECORD OF CURRENT LITERATURE

RELATING TO

THE THROAT, NOSE, AND EAR.

—  
**PUBLISHED MONTHLY.**  
—

London:

**REBMAN, LIMITED,**  
129, SHAFTESBURY AVENUE, CAMBRIDGE CIRCUS, W.C.

*ENTERED AT STATIONERS' HALL.*



# THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOLOGY.

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

EDITORS :

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

**W. MILLIGAN, M.D.,** Sub-Editor.

**W. JOBSON HORNE, M.B., M.A. ; B.C. Camb., M.R.C.P. Lond.,**  
Managing Sub-Editor.

WITH THE CO-OPERATION OF

**DRS. BARON** (*Bristol*), **PRICE-BROWN** (*Toronto*), **CARTAZ** (*Paris*),  
**BRYSON DELAVAN** (*New York*), **DODD** (*Chicago*), **DONELAN** (*London*),  
**GRAZZI** (*Florence*), **GUYE** (*Amsterdam*), **HIGGUET** (*Brussels*),  
**MIDDLEMASS HUNT** (*Liverpool*), **HUTCHISON** (*Glasgow*), **JOAL** (*Paris*),  
**KELLY** (*Glasgow*), **LACOARRET** (*Toulouse*), **LICHTWITZ** (*Bordeaux*),  
**LIEVEN** (*Aix-la-Chapelle*), **JOHN N. MACKENZIE** (*Baltimore*), **PROF. MASSEI** (*Naples*),  
**MEYJES** (*Amsterdam*), **MYLES** (*New York*), **HOLGER MYGIND** (*Copenhagen*),  
**PORTER** (*St. Louis*), **GUILD** (*Dundee*), **SACHS** (*Hamburg*),  
**STGEORGE REID** (*London*), **SAJOUS** (*Philadelphia*), **SENDZIAK** (*Warsaw*),  
**SOTA** (*Serville*), **STCLAIR THOMSON** (*London*), **WAGGETT** (*London*),  
**WOODS** (*Dublin*), and **ZIEM** (*Dantzic*).

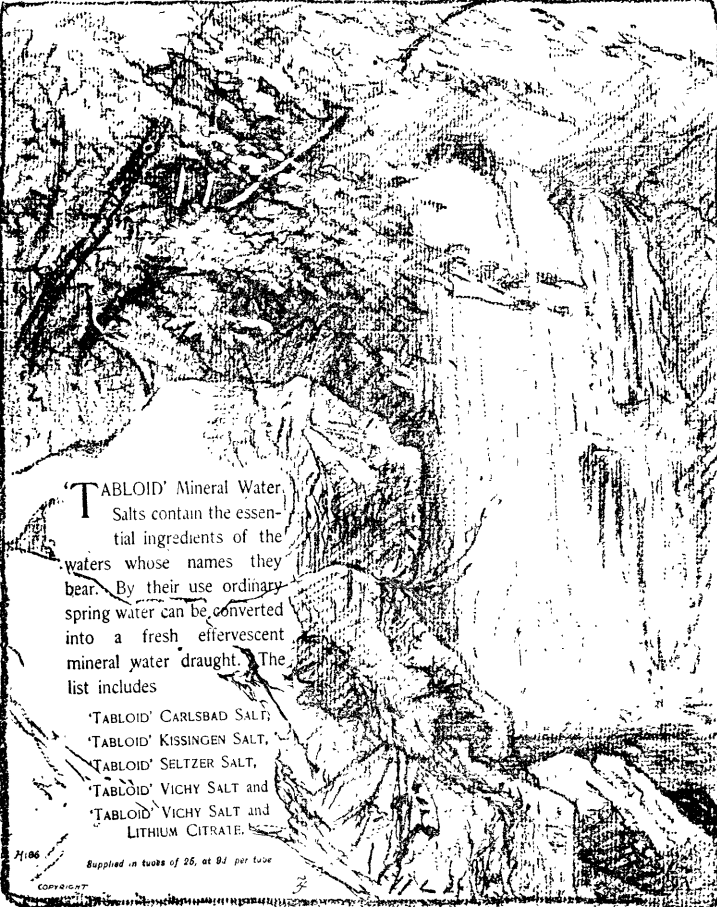
## CONTENTS.

<b>Original Article—</b>	PAGE
The Röntgen Rays in Diseases of the Nose, Throat and Neighbouring Organs.—JOHN MACINTYRE ... ..	349
<b>Society Meeting—</b>	
THE LARYNGOLOGICAL SOCIETY OF LONDON ... ..	362
<b>Abstracts--</b>	
DIPHTHERIA ... ..	394
MOUTH ... ..	395
NOSE ... ..	397
LARYNX ... ..	399
EAR ... ..	402
<b>Notice—</b>	
Thirteenth International Medical Congress ... ..	404

## GUIDE TO ADVERTISEMENTS.

	PAGE
Bullock & Co. ... ..	vii
Burroughs Wellecome & Co. ... ..	vi
Ingram & Royle ... ..	vii, x
Lambert Pharmacal Co. ... ..	ii
Maw, Son & Thompson ... ..	ii
Mayer & Meltzer ... ..	ix, xi
Metropolitan Ear, Nose and Throat Hospital ... ..	xii
Rebman, Limited ... ..	iii, iv, vii, viii
Tibbles' Vi-Cocoa ... ..	viii

**'TABLOID'** TRADE MARK **MINERAL WATER SALTS**  
(EFFERVESCENT ARTIFICIAL).



'TABLOID' Mineral Water.  
Salts contain the essential ingredients of the waters whose names they bear. By their use ordinary spring water can be converted into a fresh effervescent mineral water draught. The list includes

- 'TABLOID' CARLSBAD SALT,
- 'TABLOID' KISSINGEN SALT,
- 'TABLOID' SELTZER SALT,
- 'TABLOID' VICHY SALT and
- 'TABLOID' VICHY SALT and LITHIUM CITRATE.

7/106  
Supplied in tins of 25, at 9d per tin

**BURROUGHS WELLCOME & CO.,** LONDON and SYDNEY. . .