

# The Journal of Laryngology and Otology

EDITED BY  
WALTER HOWARTH

WITH THE ASSISTANCE OF  
W. M. MOLLISON

## Contents

THE RESULTS OF THE CONSERVATIVE RADICAL  
OPERATION OR ATTICOANTROTOMY IN 70 CASES . . . . . WILLIAM MCKENZIE

EARLY TEXT-BOOKS OF OTOLOGY . . . . . DOUGLAS GUTHRIE

TECHNICAL NOTE—

A DIFFERENTIAL STAIN FOR HAIR CELLS . . . I. P. J. MACNAUGHTON  
and E. W. PEET

SOCIETIES' PROCEEDINGS—

THE SCOTTISH OTOLOGICAL AND LARYNGOLOGICAL SOCIETY

ABSTRACTS—

THE EAR

THE LARYNX

THE NOSE

THE TRACHEA

THE NASOPHARYNX

MISCELLANEOUS

LETTER TO THE EDITOR

GENERAL NOTES

London  
Headley Brothers  
109 Kingsway, W.C.2

*Monthly, 4/- net post free*

*Annual Subscriptions 40/- net*







## PROTECTION against PNEUMONIA

may mean the simple expedient of applying Antiphlogistine Brand Dressing early in a case of **Influenza, Bronchitis, Bronchial Congestion**, or even in simple **Laryngitis**. But even when a case of pneumonia is showing signs of developing, its application tends to play a decisively beneficial rôle as an adjuvant to serum therapy, or other medication, which the physician may employ.

MADE IN ENGLAND

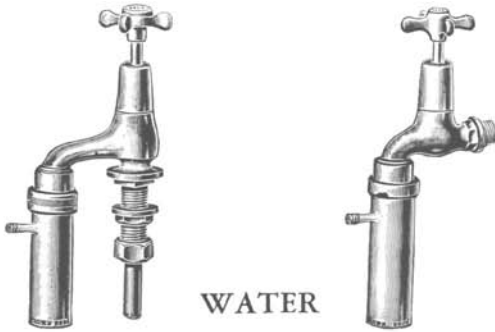
*Antiphlogistine*  
BRAND TRADE MARK DRESSING

Sample on request

THE DENVER CHEMICAL MFG. CO., 12 Carlisle Rd., London, N.W.9

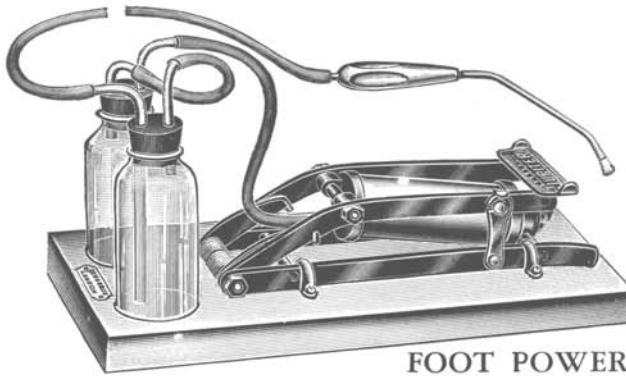
Please mention *The Journal of Laryngology* when replying to advertisements



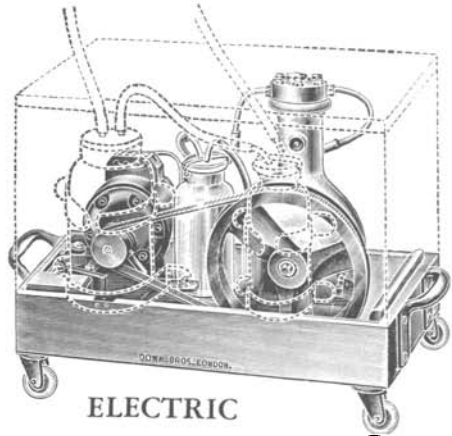
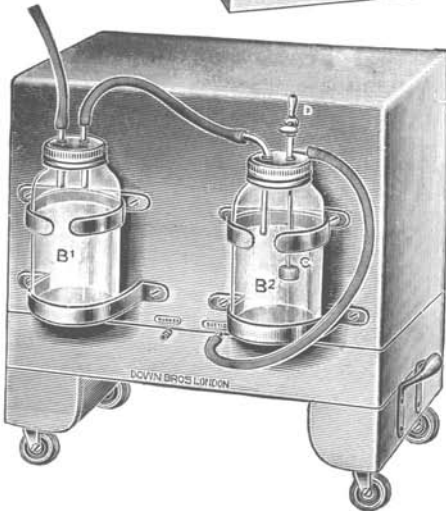


# SUCTION APPARATUS

Particulars on application



FOOT POWER



ELECTRIC

## DOWN BROS., LTD.

21 & 23 ST. THOMAS'S STREET, LONDON, S.E.1

(Opposite Guy's Hospital)

Telephone: Hop 1544

and at 22a CAVENDISH SQUARE, LONDON, W.

Telephone: MAYFAIR 0406

Please mention *The Journal of Laryngology* when replying to advertisements

**PRESCRIBE THE EASY EFFECTIVE METHOD**

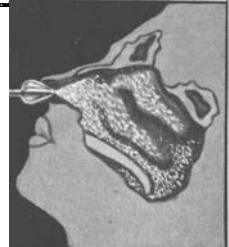
When spraying, the patient can hold his head in a natural position, yet the solution spreads throughout the nasal cavity, assuring thorough treatment. Effective dropper-application, on the other hand, requires a complicated posture technique which patients are apt to neglect in home treatment.



**DeVilbiss  
ATOMIZERS**



**DROPPER ?**

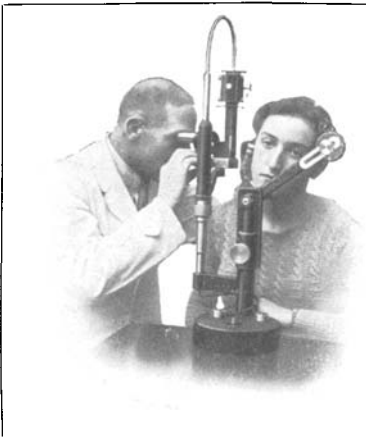


**ATOMIZER ?**

These illustrations, which are based on X-ray research, clearly demonstrate the advantages of the atomizer as compared with the dropper

**The AEROGRAPH Co., Ltd., 43, Holborn Viaduct, London, E.C.1**  
Sole Distributors of DeVilbiss Products in the United Kingdom.  
Telephones : Holborn 1257 & 1258

CVS—149



**THE NEW  
OTO-MICROSCOPE**

*A Big Step Forward!*

Specially suited for both Practising Surgeons and Research Workers

*Printed description free*

**HAAG-STREIT, Bern,  
Seilerstrasse 9, Switzerland**

For Advertisement space in this Journal apply to :  
**HEADLEY BROTHERS, 109 Kingsway, London, W.C.2**

Please mention *The Journal of Laryngology* when replying to advertisements

## GOLDEN SQUARE THROAT, NOSE AND EAR HOSPITAL

*Near Piccadilly Circus*    **LONDON, W.1**    *Gerrard 4058*

### HONORARY MEDICAL STAFF

<p><b>SURGEONS:</b> Mr. Lionel Colledge; Mr. F. C. Ormerod; Mr. A. R. Dingley; Mr. Gilbert H. Howells; Mr. J. F. Simpson; Mr. S. A. Beards; Mr. J. C. Hogg.</p> <p><b>ASSISTANT SURGEONS:</b> Mr. J. Roydon Peacock; Mr. M. P. Ellis; Mr. G. Livingstone; Mr. S. E. Birdsall.</p> <p><b>PHYSICIANS:</b> Dr. C. E. Lakin; Dr. N. L. Rusby.</p> <p><b>NEUROLOGIST:</b> Dr. L. R. Yelland.</p> <p><b>PATHOLOGIST:</b> Dr. J. A. Boycott.</p>	<p><b>OPHTHALMOLOGIST:</b> Mr. F. A. Williamson-Noble.</p> <p><b>GENERAL SURGEON:</b> Mr. Dickson Wright.</p> <p><b>DENTAL SURGEON:</b> Mr. Hart.</p> <p><b>ASSISTANT DENTAL SURGEON:</b> Mr. D. Hallon.</p> <p><b>RADIOLOGIST:</b> Dr. Edith Hope.</p> <p><b>ANÆSTHETISTS:</b> Dr. G. I. Moriarty; Dr. A. W. Matthew; Dr. S. Coffin; Dr. F. Longhurst; Dr. D. Lewis; Dr. G. Hochschild; Dr. G. Edwards; Dr. Blair Gould; Dr. R. T. Broad.</p>
---	--

The Hospital has **100** beds for In-patients and an annual Out-patient attendance of over **50,000**.

### CLINICAL INSTRUCTION

Clinical instruction in the Diagnosis and Treatment of Diseases of the Ear, Nose and Throat is given in the Out-patient Department from 2 to 5 p.m. daily, and on Tuesdays and Thursdays from 6 to 9 p.m. also. Major operations are performed every morning and afternoon, except Saturdays, in the In-patient Operating Theatres. Minor Operations are performed in the Out-patient Operating Theatre on three mornings a week.

Practitioners and Medical Students are admitted to the practice of the Hospital as Post-Graduates. Clinical Assistants, whose duty it is to assist the staff, are appointed as vacancies occur.

For further information apply to the Dean: **GILBERT H. HOWELLS**.

In addition to the General Wards, there are Semi-private Wards and 11 Private Rooms. The charge for a Private Room is 7 guineas a week, plus a fee for the surgeon.

Further particulars may be obtained from F. P. CARROLL, *Secretary-Superintendent*.

## CENTRAL LONDON THROAT, NOSE AND EAR HOSPITAL

**GRAY'S INN ROAD, W.C.1**

(Near King's Cross Stations)

### SURGEONS

Mr. HAROLD KISCH	Mr. C. GILL-CAREY
Mr. ARCHER RYLAND	Mr. J. D. McLAGGAN
Mr. F. W. WATKYN-THOMAS	Mr. N. ASHERSON

### ASSISTANT SURGEONS

Mr. W. G. SCOTT-BROWN, Mr. W. A. MCKENZIE, Mr. ANTHONY RADCLIFFE

The usual Comprehensive Courses have been postponed owing to the War but there is daily Clinical teaching in the Out-Patient Department and Theatres

### CLINICAL ASSISTANTSHIPS

available for periods of three, six or twelve months.

The teaching provided covers all the requirements of students taking the D.L.O. (R.C.P. & S.Eng.) or the F.R.C.S.Ed. with Throat, Nose and Ear as a special subject.

*Further particulars on application to*

C. GILL-CAREY, *Dean*.

JOHN H. YOUNG, *Secretary-Superintendent*.

Please mention *The Journal of Laryngology* when replying to advertisements

## BINDING

### Journal of Laryngology & Otology

Subscribers wishing to have their Journals bound can do so by sending them to the Publishers.

Volumes are strongly bound in whole dark blue buckram cases, with gold lettering on spine. The cost of binding is 10s. per volume, including postage.

Missing parts can be supplied at 4s. each, or the whole volume, complete in the above binding, for 48s.

Publishers' cases can be supplied for 3s. 6d.

---

**HEADLEY BROTHERS, 109 KINGSWAY, LONDON, W.C.2**

## BACK NUMBERS OF THE

### Journal of Laryngology & Otology

Back numbers of most issues of this Journal can be obtained from the Publishers, HEADLEY BROTHERS, 109 Kingsway, London, W.C.2. The following, however, are out of print, and no stock is at present available :

1887	January, April-June and August-December.	1896	February and March.
1888	January-March and August.	1897	January, August-October.
1889	November.	1902	February.
1891	January, August and September.	1914	August.
1893	January.	1916	April.
1895	January, February and August.	1920	January and August.
		1921	January, October-December.
		1935	September.

If any subscribers have any of these copies which they do not need, it would be greatly appreciated if they would return them to the Publishers who will refund the full published price.

---

**HEADLEY BROTHERS, 109 KINGSWAY, LONDON, W.C.2**

Please mention *The Journal of Laryngology* when replying to advertisements

NOW READY

## THE ACOUSTIC METHOD

*For the Training of the Deaf and Hard-of-Hearing Child*

By **MAX A. GOLDSTEIN, M.D., LL.D.**

This Volume contains 244 pages; 50 illustrations

Textile Leather (Waterproof) Binding

**\$3.00 Postage Prepaid**

Twelve chapters, including Evolution of the Acoustic Method — Definition and Principles of the Acoustic Method — The Practice of the Acoustic Method — The Pupil: (1) The Deaf Child; (2) The Hard-of-Hearing Child; (3) The Pre-School Deaf Child — The Teacher — Case Recording — Tests of Hearing — Audiometers — The Audiogram — Hearing Aids — Tactile Training — Anatomy of the Ear.

Published by **THE LARYNGOSCOPE PRESS**

4574 West Papin Street

St. Louis, Mo.

**Fourth Edition. Fully Revised.**  
Demy 8vo, 494 pp. 243 Text Illus. and 21  
Plates (8 coloured). 20s. net, postage 6d.

### DISEASES OF THE NOSE, THROAT AND EAR

Edited by the late  
**A. LOGAN TURNER, M.D., LL.D., F.R.C.S.E.**  
With the collaboration of six distinguished  
contributors.

"There is no other book which includes laryngology  
and otology with such success."

*British Medical Journal.*

Bristol: **JOHN WRIGHT & SON Ltd.**

Complete in box with 20 Slides in colours,  
and a packet of transparencies representing  
the normal tympanic membrane.

21s. net, postage 4d.

### EAR MODEL

For Otoscopic Practice

Designed by **A. J. WRIGHT, M.B., F.R.C.S.**

Moulded in rubber with flexible meatus,  
mounted on a block to hold a series of cards  
with coloured representations of various con-  
ditions of the drumhead. Of great assistance  
to the Teacher, Student and Otologist.

London: **SIMPKIN MARSHALL Ltd.**

## ROGERS' STANDARD SPRAYS

HAVE A

**WORLD-WIDE REPUTATION**

**For Efficiency & Reliability**

They are made in many forms, scientifically  
designed for

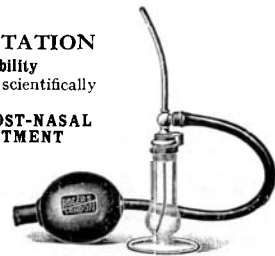
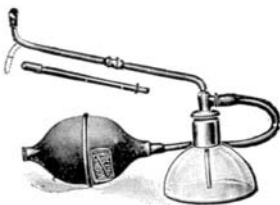
**NASAL, PHARYNGEAL, POST-NASAL  
and LARYNGEAL TREATMENT**

Particulars gladly supplied  
on request

Sole Manufacturer—

(LATE OF OXFORD ST.)

**FRANK A. ROGERS**  
1 Beaumont Street, London, W.1



Please mention *The Journal of Laryngology* when replying to advertisements



# The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY

WALTER HOWARTH

ASSISTED BY

W. M. MOLLISON

1. Original Articles are accepted on the condition that they have not been published elsewhere.
2. Manuscripts should be typewritten, on one side only of the paper, and well spaced.
3. Galley proofs and engraver's proofs of illustrations are sent to the author. Corrections, which should be kept to a minimum, must be clearly marked and no additional matter added.
4. Orders for reprints should be sent when returning galley proofs, and for this purpose special forms are supplied, on which the price of the reprints is stated.
5. Authors of Original Communications on Oto-Laryngology in other Journals are invited to send a copy, or two reprints, to the *Journal of Laryngology*. If they are willing, at the same time, to submit their own abstract (in English, French, Italian, or German) it will be welcomed.
6. Editorial Communications may be addressed to THE EDITOR, *Journal of Laryngology*, c/o HEADLEY BROTHERS, 109 Kingsway, London, W.C.2.
7. The Annual Subscription commencing with the January issue is Two Pounds sterling, post free, and is payable in advance.
8. Single copies, both of the present and the previous series, are on sale at Four Shillings each.
9. All Subscriptions, advertising and business communications should be sent to the Publishers, HEADLEY BROTHERS, 109 Kingsway, London, W.C.2.

*United States of America*

Orders for this Journal may be sent either through a local bookseller, or to Messrs. G. E. STECHERT & Co., 31-33 East 10th Street, New York, or may be sent direct to the Publishers, HEADLEY BROTHERS, 109 Kingsway, London, W.C.2, England.

Please mention *The Journal of Laryngology* when replying to advertisements

# CONTENTS

	PAGE
THE RESULTS OF THE CONSERVATIVE RADICAL OPERATION OR ATTICOANTROTOMY IN 70 CASES. William McKenzie (London)	75
EARLY TEXT-BOOKS OF OTOLOGY. Douglas Guthrie (Edinburgh)	109
TECHNICAL NOTE—	
A Differential Stain for Hair Cells. I. P. J. MacNaughton and E. W. Peet	113
SOCIETIES' PROCEEDINGS—	
The Scottish Otological and Laryngological Society	115
ABSTRACTS—	
The Ear	132
Otosclerosis Treated with Sex Hormones. J. Bernstein and Leon Gillis; Unilateral Hereditary Deafness. Alexander Brownlie Smith; The Vestibular System in Post-Encephalitic Parkinsonism. Ladislao Kilenyi; Histological Observations on Congenital Syphilis of the Ear. Carnevale Ricci.	
The Nose	134
The Temperature of the Nasal Mucosa. P. Carlo Monti and F. Ventura-Gregorini; Nasal Lesions in Chromium Workers. F. Ventura-Gregorini; The presence of Tubercle Bacilli in the Nasal Mucous Membrane. Virgilio Sangiovanni.	
The Nasopharynx	137
Malignant Tumours of the Nasopharynx. Luca Ciurlo.	
The Larynx	137
Cancer and Tuberculosis of the Larynx. Giorgio Rossi.	
The Trachea	138
The Pathology of Tuberculosis of the Trachea. G. Bini and I. Villata.	
Miscellaneous	139
Changes in the Thyroid Gland in patients suffering from Malignant Diseases of the Larynx. Paolo Gritti; The effects of plugging the nose on the alveolar carbon dioxide. T. Rodolfo-Masera; Cardiac Function in the Tracheo- tomised. Renato Mennito-Ippolito.	
LETTER TO THE EDITOR	141
GENERAL NOTES	142