

August 1944

Vol. LIX, No. 8

The Journal of Laryngology and Otology

EDITED BY
WALTER HOWARTH

WITH THE ASSISTANCE OF
W. M. MOLLISON

Contents

AN INVESTIGATION INTO THE INCIDENCE OF ACUTE
OTITIC BAROTRAUMA AS A DISABILITY AMONGST
1,000 AIRCREW CADETS DURING A DECOMPRES-
SION TEST

E. D. D. DICKSON,
J. E. G. MCGIBBON,
W. HARVEY, W. TURNER

CLINICAL RECORD—

EXTRADURAL ABSCESS FOLLOWING ON A CURED
OTITIS MEDIA

W. S. THACKER NEVILLE

SOCIETIES' PROCEEDINGS—

ROYAL SOCIETY OF MEDICINE—SECTION OF OTOTOLOGY

London

Headley Brothers

109 Kingsway, W.C.2

Monthly, 4/- net post free

Annual Subscriptions 40/- net

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., 31-35 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

'SONERYL'

TRADE MARK

BRAND

butobarbitone

for insomnia and anxiety states

At the present time the practitioner is faced with an increasing number of patients suffering from insomnia and anxiety states. These cases are adequately treated by the discriminate prescribing of 'Soneryl.' Being rapidly eliminated, this product seldom gives rise to post-hypnotic dullness, and so enables the patient to go about his work refreshed in mind and body. 'Soneryl' may be taken over lengthy periods without the danger of habit formation.



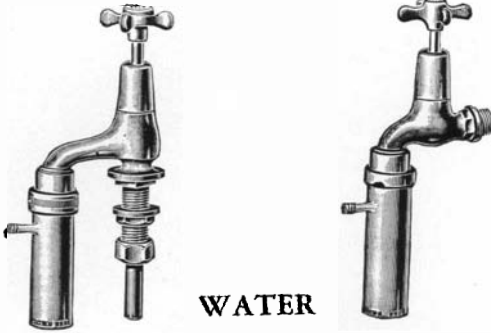
MANUFACTURED BY

MAY & BAKER LTD.

DISTRIBUTORS**PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM**

7098

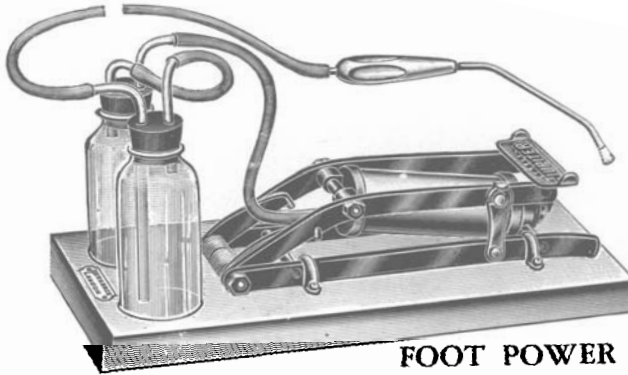
Please mention *The Journal of Laryngology* when replying to advertisements



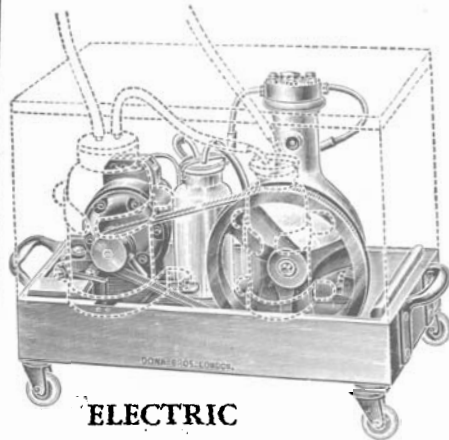
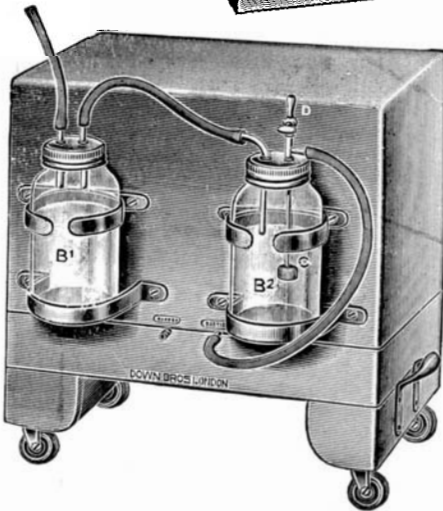
WATER

SUCTION APPARATUS

Particulars on application



FOOT POWER



ELECTRIC

DOWN BROS., LTD.

Correspondence: 23 PARK HILL RISE, CROYDON

Telephone: Croydon 6133, 6134, 6135

Showrooms: 22a CAVENDISH SQUARE, LONDON, W.1

Telephone: MAYFAIR 0406

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

PRESCRIBE THE EASY EFFECTIVE METHOD

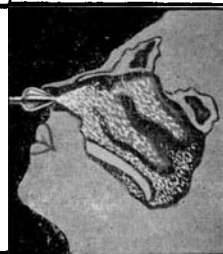
When spraying, the patient can hold his head in a natural position, yet the solution spreads throughout the nasal cavity, assuring thorough treatment. Effective dropper-application, on the other hand, requires a complicated posture technique which patients are apt to neglect in home treatment.



DROPPER ?



**DeVilbiss
ATOMIZERS**



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., Lower Sydenham, London, S.E.26
Sole Distributors of DeVilbiss Products in the United Kingdom.
 Telephones: Sydenham 6060—8 Lines.

CVS—149

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**

640 South Kingshighway

St. Louis, Mo.

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



SHORTENS THE COURSE OF INFECTION
AND AVERTS SEQUELÆ TO COLDS

SULFLEX

(A suspension of micro-crystalline ('Mickraform') sulphathiazole, 5%,
in an isotonic solution of 'Paredrinex,' 1%).

'Sulfex'* has proved strikingly effective, both with adults and children, in the treatment of nasal and sinus infections—especially those secondary to common colds. Nasopharyngeal sore throat often responds to 'Sulfex' within twenty-four hours. The suspension has the following advantages:—

- (1) **PROLONGED BACTERIOSTASIS.** The 'Mickraform'* crystals of free sulphathiazole are not quickly washed away, but form an even coating over the nasal mucosa, thus providing prolonged bacteriostasis precisely where it is needed most.
- (2) **NON-STIMULATING VASOCONSTRICTION.** While 'Paredrinex'* exerts a rapid and complete shrinking action, it does not produce nervous side-effects such as restlessness and insomnia.
- (3) **THERAPEUTICALLY IDEAL pH (5.5 to 6.5).** 'Sulfex' does not cause stinging or irritation. Its slightly acid pH range is identical with that of normal nasal secretions.

Available, on prescription only, in 1-oz. bottles with dropper.
Price 5/1 including P.T. Special 8-oz. pack for hospitals.

Samples and further details on *signed* request of physicians.

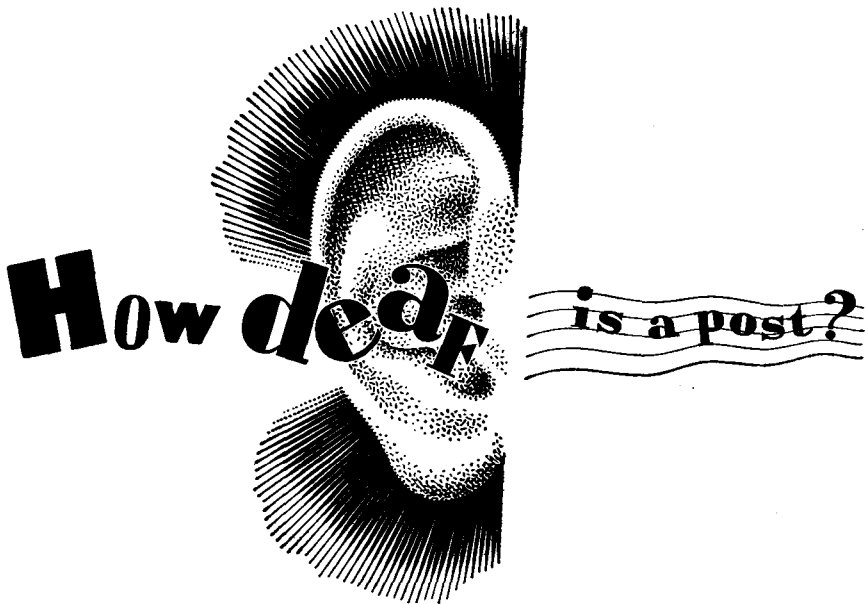
MENLEY & JAMES LIMITED

123, COLDHARBOUR LANE, LONDON, S.E. 5

For Smith, Kline & French Laboratories, owners of the Trade Marks*

PS 2

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



We do not claim to provide the answer—even if one were required. We can however solve a more important problem: “**How deaf is your patient**”—for the Marconi Acuity Meter scientifically assesses the degree of each patient’s deafness. The original instrument, already adopted by leading otologists, represented a marked development in diagnostic technique. With the inevitable war-time increase in deafness, the production to-day of an improved design is appropriately timed. For present or post-war rehabilitation, a limited number of these instruments, type TF444A, are available, subject to the approval of the appropriate authority. Please write for further particulars.

MARCONI  **INSTRUMENTS LTD.**
ELECTRO - MEDICAL APPARATUS

ELECTRA HOUSE · VICTORIA EMBANKMENT · LONDON · WC2

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

FOR ORAL MEDICATION

**KERFOOTS
Proflavine
LOZENGES**

enable the affected tissues
to be bathed in a naturally
buffered antiseptic solution.

Each contains
Proflavine Sulphate 3 mg.
In bottles of 36 and 500

**KERFOOTS
Sulphanilamide
LOZENGES**

are of special value in
throat affections due to local
streptococcal infection.

Each contains
Sulphanilamide gr. 1
In bottles of 50 and 500

Professional samples on request.

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

K17

**THE ROYAL NATIONAL
THROAT, NOSE & EAR HOSPITAL**

Incorporating

**GOLDEN SQUARE
THROAT, NOSE & EAR HOSPITAL
Nr. PICCADILLY CIRCUS, W.1**

**CENTRAL LONDON
THROAT, NOSE & EAR HOSPITAL
GRAY'S INN ROAD, W.C.1**

HONORARY MEDICAL STAFF

SURGEONS: Mr. F. W. Warkyn-Thomas; Mr. F. C. Ormerod; Mr. A. R. Dingley; Mr. C. Gill-Carey; Mr. J. D. McLaggan; Mr. G. H. Howells; Mr. S. A. Beards; Mr. N. Asherson; Mr. J. F. Simpson; Mr. J. C. Hogg; Mr. W. G. Scott-Brown; Mr. Roydon Peacock.

ASSISTANT SURGEONS: Mr. Maxwell Ellis; Mr. Gavin Livingstone; Mr. S. E. Birdsall; Mr. W. S. McKenzie; Mr. Anthony Radcliffe.

PHYSICIANS: Dr. C. E. Lakin; Dr. T. Jenner Hoskin; Dr. Norman Rusby; Dr. Lee Lander.

GENERAL SURGEONS: Mr. L. E. C. Nothbury; Mr. A. Dickson-Wright.

NEUROLOGISTS: Dr. C. P. Symonds; Dr. L. R. Yealand.

OPHTHALMIC SURGEONS: Mr. David Heron; Mr. F. A. Williamson-Noble.

RADIOLOGISTS: Dr. H. Graham Hodgson; Dr. Edith Hope.

PATHOLOGISTS: Dr. H. A. Lucas; Dr. J. Boycott.

DENTAL SURGEON: Mr. Douglas Hallon.

ANÆSTHETISTS: Dr. A. W. Matthew; Dr. T. B. Vaile; Dr. Reginald Karn; Dr. A. F. Whyte; Dr. J. H. T. Challis; Dr. G. Hochschild; Dr. R. Blair Gould; Dr. W. Mushin; Dr. R. T. Broad.

OFFICER i/c SPEECH DEFECTS CLINIC: Miss B. M. Oldrey.

CLINICAL INSTRUCTION

Clinical instruction in the Diagnosis and Treatment of Diseases of the Ear, Nose and Throat is given in the Out-patient Department of both Hospitals from 2 to 5 p.m. daily (except Saturdays) and in the In-patient Operating Theatres.

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.

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

for
RAPID DISINFECTION
 ARGYROL Silver Vitellin
plus
 Natural EPHEDRINE
IMMEDIATE DECONGESTION

in the treatment of

**COLDS • ACUTE OR CHRONIC RHINITIS
 CATARRH • SINUSITIS • ASTHMA • HAY FEVER**

The therapeutic properties of Silver Vitellin have been well known for the past twenty years. The combination into a **stable solution** of Silver Vitellin and natural laevorotatory Ephedrine—a powerful and lasting congestion-relieving agent—in normal saline gives Argotone immediate acceptance as the ideal treatment for nasal affections and their complications.

ARGOTONE is an ethical preparation **not advertised** to the Public, and can be prescribed with every confidence. Immediate decongestion and rapid disinfection are obtained without possibility of harm to the delicate mucous membranes.



Medical samples available on request

ARGOTONE
NASAL DROPS

*A stabilised compound of Argyrol 1% Ephedrine 0.9%
 in Normal Saline*

RONA LABORATORIES LTD., 159, FINCHLEY ROAD, LONDON, N.W.3

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

CONTENTS

	PAGE
AN INVESTIGATION INTO THE INCIDENCE OF ACUTE OTITIC BARO-TRAUMA AS A DISABILITY AMONGST 1,000 AIRCREW CADETS DURING A DECOMPRESSION TEST. Air Commodore E. D. D. Dickson, Squadron Leaders J. E. G. McGibbon, W. Harvey, W. Turner	267
CLINICAL RECORD—	
Extradural Abscess following on a cured Otitis Media. W. S. Thacker Neville (Harrogate)	296
SOCIETIES' PROCEEDINGS—	
Royal Society of Medicine—Section of Otolgy	297

WANTED

Sets of Back Numbers and Spare Copies of The Journal of Laryngology and Otolgy

Owing to the paper rationing which limits the number of copies of the Journal printed,

Complete Sets for the Years 1941 or 1942

are wanted: the full rate of £2 will be refunded if these are returned unmarked.

Also copies of the following parts are required, and for them the full published price will also be paid:

1941: March, November and December

1942: February, March, April, May, June, September and November

1943: January, February, March, April and May

1944: January, February and March.

Would readers who do not bind or need their Journals very kindly help others who cannot at present purchase copies by returning them to the Publishers:

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