Vol. LXXXVI No. 7

m

M

July 1972

/ T

M

/ T

C

The Journal of Laryngology and Otology

EDITED BY SIR GEOFFREY BATEMAN

> ASSISTANT EDITOR LIONEL TAYLOR

Contents

ne role of surgery in the management of carcinoma		m
of the larynx	DOUGLAS P. BRYCE	669-
umours of the nose and sinuses: A clinico-patho-		
logical study	G. BUCHANAN	COE
letastatic tumour of the inner ear: A histopatho-	and G. SLAVIN	685
logical report	TOMOYUKI HOSHINO,	
	FUMIHISA HIRAIDE	
	and YASUYA NOMURA	697
n approach to palatopharyngeal incompetence .	P. GHOSH, N. JAMWAL	
	and R. DALJIT	709
xygen treatment of inner ear disorders	E. P. GAUDIN	721
he effect of disodium cromoglycate in perennial		
rhinitis	I. HOPPER	
	and J. P. DAWSON	725
ne effect of disodium cromoglycate on nasal polyp		
symptoms	R. DONOVAN	731
linical records—	and RUMY KAPADIA	/31
hondrosarcoma of maxilla	B. S. GREWAL, A. NIROLA	
	and S. P. LUMBA	741
uberculosis of maxillary sinus	G. K. SHUKLA, D. DAYAL	/ +1
ubereurosis of maximary sinds	and D. K. CHABRA	747
igmented epulis of infancy	H. M. CAMERON	, , ,
igmented epuils of infancy	and J. A. S. CARRUTH	755
rimary tracheoscleroma	D. L. CHHANGANI	100
	and S. C. PANDHI	761
case oL symptomless lympho-sarcoma of the		
oropharynx	S. B. TALUKDER	769
eneral notes		771

Headley Brothers Ltd

Ashford, Kent

https: Annual Subscription ESisted online by San Brides Monthly, £1 net, post free

The Journal of Laryngology and Otology

(FOUNDED in 1887 by MORELL MACKENZIE and NORRIS WOLFENDBN)

EDITED BY SIR GEOFFREY BATEMAN ASSISTANT EDITOR LIONEL TAYLOR

1. Original articles which have not been published elsewhere ate invited and should be sent to the Editor, They are considered for pobUcatioo on the understanding that they are contributed to this *JottrtuJ* solely. Reproduction elsewhere, in whole or in part, is not permitted without the previous written consent of die Author and Editor and the customary acknowledgement most be made.

2. Manuscripts should be typewritten, on one side only of the paper, and well spaced. Captions to illustrations should be typed on a separate sheet and sent at the same, time as original photographs, etc.

The Harvard system of recording references should be used, e.g. GRBBN, C, and BROWN, D. (195 I). *Journal tfLarjngologf xtdOtolog*, 6j, 3\$. The titles of all Journals should be given without abbreviation.

It is most important that authors should verify personally the accuracy of every reference before submitting a paper for publication.

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 extra matter added. Proofs should be returned within 5 days.

4. Illustration blocks will normally be held by the Printers for three years, after which they will be destroyed. Any author is entitled to have these returned to him, but a request for this must be sent within three yean of the appearance of the article, to HKADLBI BROTHERS LTD., The Invicta Press, Ashfbrd, Kent. Coloured illustrations will be charged to authors, unless a special grant i* authorized by the Editor.

j. Orders for repdnts must be sent when returning galley proofs, and for this purpose special forms are supplied.

6. Editorial communications may be addressed to THB EDITOR, *Journal of Latyfi^oJogf*. c/o HEADLET BROTHERS LTD., The Invicta Press, Ashford, Kent.

7. The annual subscription la £8 (eight pounds sterling) post free} U.S.A. \$23 post freet and payable is advance.

8. Single copies of current or back numbers (when available) will be on sale at $\pounds 1$ (including postage) each.

o. All subscriptions, advertising and business communications should be sent to the publishers, or subscription agents.

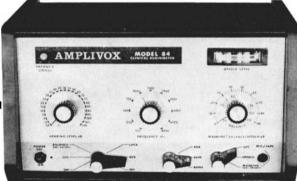
HEADLEY BROTHERS LTD.

The Invicta Press, ASHFORD, Kent.

©Journal of Laryngology and Otology Ltd., 1972

i

AMPLIVOX 84 The successor to the world's most widely used clinical Audiometer.



Take a look at all the advantages you get with this superb audiometer.

- Pure tone at eleven frequencies—now including 750 Hz
 Bone conduction at eight frequencies
- Narrow band masking via insert and headphones Automatic presentation
- ISO specification
- Trimpot calibration
- Continuously variable second channel for ABLB (Fowler) recruitment test
- Tone decay test
- Illuminated patient's signal

PLUS Calibrated speech audiometry via microphone or tape.

Write now for illustrated brochure to :

AMPLIVOX HEARING CONSERVATION LTD Beresford Avenue, Wembley, Middx. HAO 1RU. Phone: 01-902 8991

Oto-, Rhino-, Laryngology

Important, up-to-date, and scientifically accurate abstracts of reports from the world's biomedical literature dealing with Oto-, Rhino-, Laryngology are brought to your desk in this monthly publication. First published in 1948, Oto-, Rhino-, Laryngology currently contains some 4,750 abstracts each year.

MAIN CHAPTER HEADINGS

1. SKULL 2. FACE AND LIPS 3. MOUTH 4. TONGUE 5. SALIVARY GLANDS 6. NECK 7. PHARYNX 8. ESOPHAGUS 9. LARYNX 10. TRACHEA 11. BRONCHI, LUNGS, MEDIASTINUM 12. OLFACTORY SYSTEM **13. EXTERNAL NOSE** 14. NASAL CAVITY 15. NASAL SEPTUM

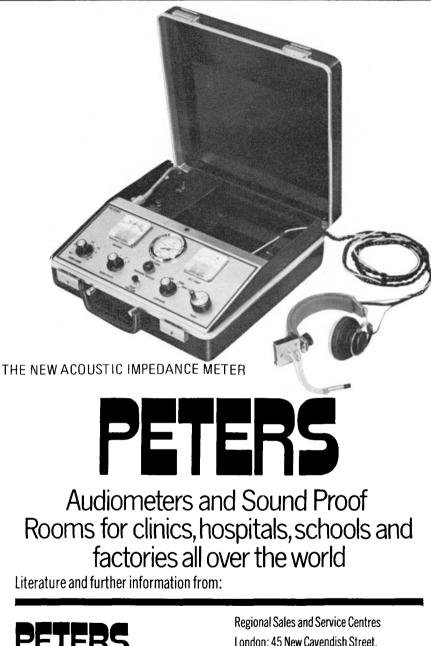
 16. NASOPHARYNX
 17. NASAL SINUSES
 18. EXTERNAL EAR
 19. MIDDLE EAR
 20. INTERNAL EAR
 21. OTOSCLEROSIS
 22. MENIERE DISEASE
 23. FACIAL NERVE
 24. VESTIBULAR SYSTEM
 25. CEREBELLOPONTINE ANGLE TUMORS
 26. HEARING
 27. SPEECH
 28. PHONIATRICS
 29. ANESTHESIA

Specimen copies are available on request.

Annual Subscription Rate: U.S. \$50.00/£20.95. Sterling/Dfl. 180,00

EXCERPTA MEDICA

Herengracht 119-123, Amsterdam, The Netherlands

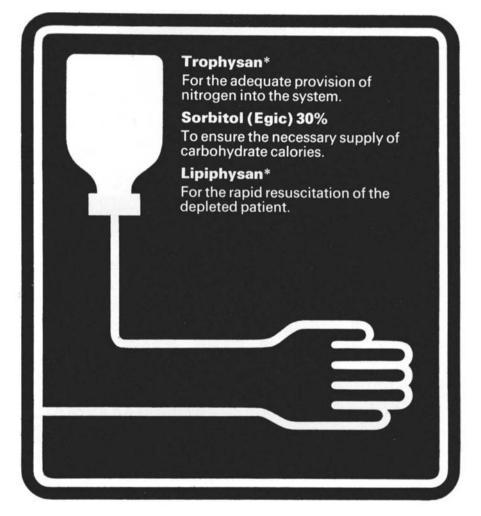


Head Office: 55 Clarkehouse Road, Sheffield S10 2LE Telephone 0742 64434 London: 45 New Cavendish Street, London W1 Telephone 01-935 2604

South West England: 7 St. Augustine's Parade, Bristol BS1 4 HX Telephone 0272 20737

Parenteral nutrition in thoracic surgery

When diseases such as oesophageal carcinoma or cancer of the lungs or bronchi require surgical intervention the patient may often be severely debilitated. Inability or unwillingness to accept oral feeding means that parenteral nutrition must be used both before and after surgery. By this technique metabolic equilibrium is restored, the more rapid healing of wounds ensured, and resistance to secondary infection increased. All is made more certain by the use of SERVIER parenteral nutritional solutions.



Where nutritional deficiency is the problem Servier has the solution



For full information and literature write to:

S.558.2

Servier Laboratories Limited Percival House, Pinner Road, Harrow, Middlesex HA1 4HQ.

*Trade Mark

v

TEFLON PASTE INJECTION SYRINGE

BY P. McKELVIE F.R.C.S., D.L.O.

NEEDLE LENGTH 28 c.m.

The Teflon Paste Syringe was developed to overcome the difficulties experienced with other types of Laryngeal Injection Syringes which were difficult to use and fill, due to the resistance of the Teflon Paste.

DOWN BROS AND MAYER & PHELPS LIMITED CHURCH PATH MITCHAM SURREY ENGLAND

FOR THE RIGHT ANSWER WHEN YOU NEED IT



- □OTITIS MEDIA: Proceedings of the National Conference, Callier Hearing and Speech Center, Dallas, Texas, edited by Aram Glorig, Callier Hearing and Speech Center, Dallas, and Kenneth S. Gerwin, Georgetown Univ. School of Medicine, Washington, D.C. (42 Contributors). Updates the present knowledge of otitis media with specific recommendations on important aspects of the problem. '72, 328 pp. $(6\frac{3}{4} \times 9\frac{3}{4})$, 101 il. (29 in full color), 33 tables, $\frac{$14.00 ISBN 0-398-02294-1.$
- □FUNDAMENTALS OF EAR TOMO-GRAPHY edited by Jorgen Jensen and Hans Rovsing. Foreword by Gregers Thomsen. (12 Contributors). Covers all fields from the theory of tomography of the ear over the normal roentgenologic anatomy of the temporal bone to any pathologic change within the middle and inner ear supplemented by clinical aspects of various diseases. Helpful illustrations and drawings are included. '71, 236 pp. $(6\frac{3}{4} \times 9\frac{3}{4})$, 272 il., 4 tables, \$19.00 ISBN 0-398-00926-0.
- □ASSESSMENT OF AIRBORNE PARTICLES: Fundamentals, Applications, and Implications to Inhalation Toxicity edited by Thomas T. Mercer, Paul E. Morrow and Werner Stober, all of The Univ. of Rochester, New York. (26 Contributors.) Included are current findings on aerosol fundamentals, production, measurement, size analysis and shape factors, disposition of inhaled aerosols, and assessment of hazardous aerosols. '72, 560 pp. $(6\frac{3}{4} \cdot 9\frac{3}{4})$, 232 il., 58 tables, \$32.75 ISBN 0-398-02360-3.

- □ANESTHESIA: In Otolaryngology and Ophthalmology by John C. Snow, Boston Univ. School of Medicine. Foreword by Benjamin Kripke. Includes topics on the establishment and maintenance of a clear airway, unobstructed access to the surgical field, the use of nonflammable anesthetic agents, muscular relaxation, maintenance of intraocular pressure at various levels, and maintenance of a sterile operative field. '72, 484 pp., 90 it., 6 tables, \$17.50 ISBN 0-398-02418-9.
- □ METHODS OF OSSICULOPLASTY by James R. Tabor. The problems of evaluating new procedures in tympanoplasties are fully discussed, and common pitfalls in determining the most efficacious surgical procedure are detailed. The common type ossicular pathology and the pathogenesis of these processes is presented with an investigative design to handle a patient population. Specific ossicular reconstructions are described. '71, 100 pp., 21 il., 48 tables, \$6.75 ISBN 0-398-01891-X.
- □ATLAS FOR SURGICAL REPAIR OF CLEFT LIP, CLEFT PALATE, AND NONCLEFT VELOPHARYNGEAL INCOMPETENCE by Richard B. Yules, Harvard Univ. School of Medicine. Illustrated by Floyd A. Castonguay. Over fifty surgical techniques employed in lip and palate surgery, both for primary and secondary repair, are detailed step-by-step. Explains their limitations and offers guidelines for selection of proper techniques. '71, 212 pp. (8½ × 11), 339 il., \$24.00 ISBN 0-398-02136-8.

CHARLES C THOMAS · PUBLISHER 301-327 East Lawrence Avenue SPRINGFIELD · ILLINOIS U.S.A.

Please mention The Journal of Laryngology and Otology when replying to advertisements

vi

vii

I**tex**E.N.T. calq Gauze ficant has sig advantages for the E.N.T. Surgeon

calgitex calcium inate bbo ANG ABSORBABLE SOLUE LENGTH 1 metre RED-READY FORUS

Opres Group

Walnorth Read, Permate * Extensive compatibility with anti-biotics.

Alginates

me

- * Non adherent.
- neon of the * Easy and painless removal.
- * Specially made for the ENT Surgeon.

calqi tex

https://doi.org/10.1017/S002221510007571X Published online by Cambridge University Press



EAR, NOSE AND THROAT Official organ for the American Laryngological

Rhinological and Otological Society

Price \$25.00 per year Canada \$27.00 per year Foreign \$27.00 per year

ESTABLISHED 1896

Joseph H. Ogura, M.D. Editor

222 PINE LAKE ROAD, COLLINSVILLE, ILLINOIS 62234



The efficacy of SUDAFED as a decongestant has recently been demonstrated:

"In a double blind trial, oral pseudoephedrine (60 mg) was shown to produce a significant increase in maximal nasal flow..."

Europ J clin Pharmacol, (1971) 3, 182

Unlike many decongestants SUDAFED* does not cause drowsiness because it contains no antihistamine. SUDAFED leaves your patient breathing clearly and thinking clearly.

Each SUDAFED tablet contains 60 mg of pseudoephedrine hydrochloride.

Also available: SUDAFED Elixir containing 30 mg pseudoephedrine hydrochloride in each 5 ml.

O Full information is available on request. **Calmic Limited, Medical Sales Division** (The Wellcome Foundation Ltd.) **Dartford, Kent, DA1 5AH** *Trade Mark

ix

х

INDEX

to

The Journal of Laryngology and Otology

Edited by Sir Geoffrey Bateman and Lionel Taylor

VOLUMES LXXII-LXXXIII 1958-1969

now available at f. I from

HEADLEY BROTHERS LTD Ashford, Kent

British evidence confirms value of

Serc is the first drug to offer comprehensive action against all the manifestations of Meniere's syndrome. A British trial* now confirms its clinical value. Objective tests of hearing and vestibular function in 11 patients before and after treatment with Serc showed a dramatic improvement in many cases. There was an overall average gain in hearing over the whole group in both ears. 'Studies of nystagmus suggested an improvement in the symptom of vertigo and all 11 claimed reduction in tinnitus. 'Journal of Laryngology. and Otology. 1971. 85 369.

> Serc is supplied as tablets each containing 8 mg. betahistine dihydrochloride. Further information available on request

in Meniere's syndrome

Serc: the first and only specific treatment for Meniere's syndrome

duphar Duphar LABORATORIES LIMITED WEST END SOUTHAMPTON TEL 04218 2281

