

The Journal of Laryngology and Otology

EDITED BY G. H. BATEMAN

ASSISTANT EDITOR LIONEL TAYLOR

Contents

A Clinical Evaluation of the Zwislocki Acoustic Bridge	M. R. BICKNELL and N. V. MORGAN	673~
	and N. V. MORGAN	0/3-
The Evaluation of Suspected Non-Organic Hearing Loss	H. A. BEAGLEY	
	and J. J. KNIGHT	693-
The State of the Ears in Children with a Cleft Palate Deformity	AUSTEN YOUNG	707-
Treatment of "Glue Ear" by Intratympanic Injection of Urea	FRANCIS BAUER	717-
Undergraduate Training in Otolaryngology in the		
University of Newcastle upon Tyne	P. W. R. M. Alberti	
A STATE SALE PROPERTY AND AND AND AND	and J. D. K. DAWES	723~
Iatrogenic Symptoms in Otolaryngology	P. W. R. M. ALBERTI and J. I. MUNRO BLACK	TOT
Clinical Records-	and J. I. MONRO DLACK	731
Secretory Otitis Media-A Clinical Survey	N. SHAH	739~
Irradiation Treatment of Secretory Otitis Media:		
Recent Experience	T. R. BULL	
Toronal Technica in Oracitics Described	and P. MCKELVIE	745 -
Improved Technique in Operative Removal of Naso-Pharyngeal Fibroma	L. H. HIRANANDANI	757
Recurrent Lipomata of the Larynx and the		
Pharynx with Late Malignant Change	T. R. KAPUR	76I
Societies' Proceedings		769
General Notes		

Headley Brothers Ltd

Ashford, Kent

https://www.upublished.online.by.Cambridge University Press

Monthly, 12/6 net, post free

The Journal of Laryngology and Otology

(FOUNDED in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

G. H. BATEMAN

ASSISTANT EDITOR LIONEL TAYLOR

1. Original articles which have not been published elsewhere are invited and should be sent to the Editor. They are considered for publication on the understanding that they are contributed to this *Journal* solely. Reproduction elsewhere, in whole or in part, is not permitted without the previous written consent of the Author and Editor and the customary acknowledgment must 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. GREEN, C., and BROWN, D. (1951) J. Laryng., 65, 33. Abbreviations of Journals should follow the style recommended in World Medical Periodicals, published by World Health Organization, 1952.

Health Organization, 1952. 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 years of the appearance of the article, to HEADLER BROTHERS LTD., The Invicta Press, Ashford, Kent. Coloured illustrations will be charged to authors, unless a special grant is authorized by the Editor.

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

6. Editorial communications may be addressed to THE EDITOR, Journal of Laryngology, c/o HEADLEY BROTHERS LTD., The Invicta Press, Ashford, Kent.

7. The annual subscription is five guineas sterling (U.S.A. \$15) post free, and payable in advance.

8. Single copies will be on sale at 128. 6d. each; copies of parts up to Vol. LXIII which are available may be purchased at 7s. 6d. each.

9. All subscriptions, advertising and business communications should be sent to the publishers, HEADLEY BROTHERS LTD., The Invicts Press, Ashford, Kent.

United States of America

Orders for this Journal may be sent through local booksellers, or to STECHERT-HAPMER, INC., 31-33 East 10th Street, New York, or direct to the publishers, HEADLEY BROTHERS LTD., The Invicts Press, Ashford, Kent, England.

D Journal of Laryngology and Otology, 1968

Refer your patients to Ingrams Independent HEARING AID SUPPLIERS

Ingrams have the different makes to choose from

LONDON	2 Shepherd Street, London, W.1. (2 minutes from Green Park)	Hyde Park 9041
BIRMINGHAM	20 Auchinleck Sq, Broad St, Birmingham, 15. (In the Five Ways Shopping Centre)	Midland 4314
BRIGHTON	5 Duke Street, Brighton, 1, (First turning off West Street)	Brighton 28699
CROYDON	11 Essex House, College Road, Croydon. (Opposite the Technical College)	Croydon 4663
MANCHESTER	Mansfield Chambers (Rooms 21 & 22), 17 St. Anne's Square, Manchester, 2. (<i>Off Deansgate</i>)	B'ackfriars 4104 (STD Code 061-834 4104)
and in SCOTLA	ND it's BONOCHORD-IN	GRAMS
ABERDEEN	461, Union Street, Aberdeen. (Near Holborn Junction)	Aberdeen 29632
EDINBURGH	17, Stafford Street, Edinburgh. (Corner of Alva Street)	Caledonian 1942
GLASGOW	38 Bath Street, Glasgow, C.2. (Next door to Glasgow Corporation Transport Office)	Douglas 771 0
INGRAMS FOR	ry visits in EVERY part of the country. THE <u>LARGER</u> RANGE OF HEARING AIE e of Ethics of the Hearing Aid Industry A	-

Specifically designed for you and your patients. Precision-engineered, functionally-built equipment for the Ear, Nose and Throat and other Specialists.

S.M.R. keeps you and your patients' comfort and satisfaction in mind. Whatever your needs . . . whether they be for one unit or a completely equipped treatment room, you are assured of the finest . . . a room that reflects professional good taste.



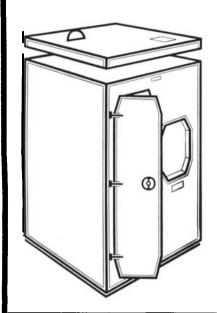
Picture shows what can be done with small treatment room areas. The rooms are complete from the compact treatment unit to the physician's stool. Yet, this equipment fits easily and functionally into a small area. This is just one of many room arrangements available from S.M.R.



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



FOR CLINICAL AUDIOMETRY



Audiometer Booths

prefabricated to ensure correct acoustic environment for threshold audiometry, research, etc. Available in standard and special sizes.

Manual Audiometers

with narrow band masking for highest accuracy and extended resolution. Battery-operated transistor models also available.



Automatic Audiometers

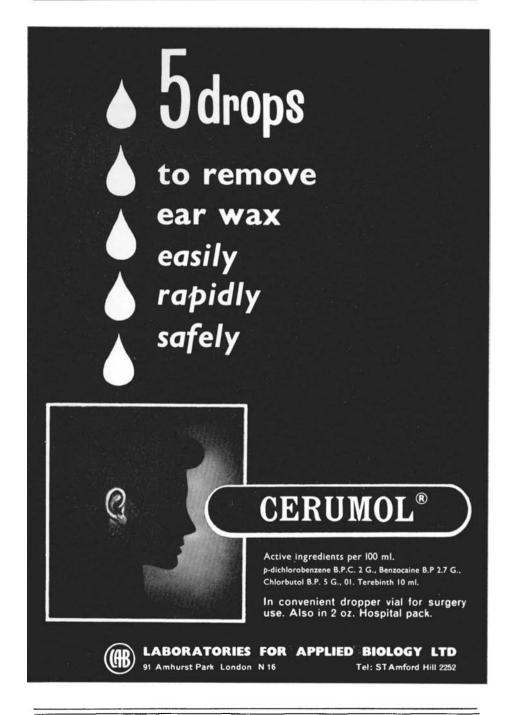
As exclusive U.K. distributors, we are able to offer Rudmose Self-Recording Audiometers from the most simple to the most comprehensive Diagnostic Békésy Audiometer illustrated.



Calibration Service, Screening, Speech & Industrial Audiometers

Please write for technical literature to meet your needs

AMPLIVOX HEARING ADVISORY SERVICE LTD 80 New Bond St, London, W1 Tel: 01-493 9888



WHEN A HEARING AID IS RECOMMENDED ONLY AMPLIVOX

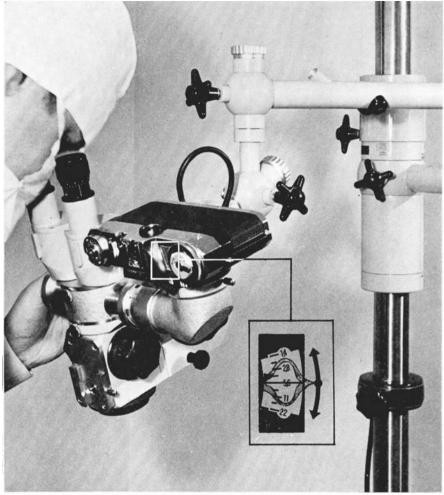
OFFERS THIS HEARING AID SERVICE

The design and manufacture of a complete range with individual fitting facilities.
Best of other makes in addition to Amplivox aids—Amplivox hearing aids are ONLY available from Amplivox.
Highest degree of training of any hearing aid organisation. Master Hearing Aid evaluations.
Expert follow-up and rehabilitation advice.
14 branch offices with while-you-wait service.

FOR YOUR PATIENTS' GREATEST SATISFACTION SPECIFY AMPLIVOX



AMPLIVOX HEARING ADVISORY SERVICE 80 NEW BOND STREET LONDON, W.1 TEL: 01-493 9888



Operating Microscope 1

now available with:-

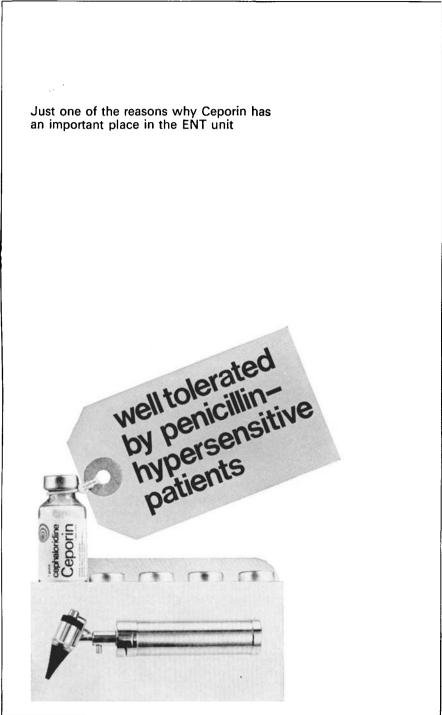
a) Special 80VA transformer and 50w bulb for improved higher intensity illumination for photography and when the Observation Tube is used. The transformer has a 4 position switch on the front panel with the following settings. Off-underrun 25 watts — normal 50 watts - overrun 80 watts. The

equipment can be fitted to existing microscopes and satisfies the M.O.H. safety recommendations.

b) New Contarex Super Camera with built-in exposure measuring device. Simply by rotating the aperture diaphragm until the indicator scale facing the observer shows the pointer in the correct position, a correcting exposed negative is obtained.

Demonstrations of the new equipment can be undertaken at Hospital departments. Full details on request from Carl Zeiss at Degenhardt & Co. Ltd., Carl Zeiss House, 20 22 Mortimer Street, London W1N 8AP 01-636 8050 (15 lines).





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

Ceporin

cephaloridine

"Allergy to penicillin is a potent argument in favour of choosing cephaloridine."

"The claims of cephaloridine rest upon its very broad range of bactericidal activity, and upon its low toxicity, particularly in patients who have shown hypersensitization to penicillin."²

Many published conclusions such as these have confirmed the value of Ceporin in the treatment of patients in whom penicillin might prove dangerous or ineffective.

Clinical success

Ceporin's rapid bactericidal action has a special value in the treatment of chronic ENT infections, especially those caused by penicillin-resistant staphylococci, and in preventing such complications as the development of brain abscesses from otitis media. Ceporin's broadspectrum activity is particularly useful when mixed infections are encountered – as, for example, in sinusitis.

Broad spectrum

Ceporin is highly active against most gram-positive organisms, including penicillin-resistant staphylococci,³ and many gram-negative organisms.

Bactericidal

Susceptible organisms are rapidly killed at or near the minimum inhibitory concentration. Thus there is little opportunity for resistance to develop.

Well tolerated

Ceporin is usually well tolerated by penicillinhypersensitive patients.^{1,2,4} It has very low toxicity and, in reduced dosage, is safe to use when renal function is impaired.⁵ The injections are remarkably painless.

References

1. Supp. to Postgrad. med. J. (Aug. 1967) 43, 141

- 2. Brit. J. Clin. pract. (1967) 21, 335
- 3. Supp. to Postgrad. med. J. (Aug. 1967) 43, 67
- 4. Lancet (1967) 2, 603
- 5. Supp. to Postgrad. med. J. (Aug. 1967) 43, 89, 92

For your detailed reading

Ceporin cephaloridine

Ceporin is cephaloridine, a semi-synthetic, broadspectrum, bactericidal antibiotic derived from cephalosporin C, presented as a water-soluble crystalline powder for parenteral administration in solution. It is usually well tolerated by patients who are allergic to penicillin.

Antibacterial activity

Ceporin is highly active against Staphylococcus aureus including strains which are resistant to penicillin, Streptococcus progenes, Streptococcus viridans, Diplococcus and the streptococcus viridans, Diplococcus progenes, Corynebacterium diphtheriae, Bacillus anthreas, Clostraida spp, and some strains of Streptococcus faecalis (enterococcus). Gram-negative organisms which are sensitive to Ceporin includin Proteus mirabilis (the commonest infecting organism of the Proteus species), Escherichia coli, Neisseria meningitidis, Neisseria gonorrhoea, most strains of Kebsiella pneumoniae, and many strains of Haemophilus influenzae. Ceporin is also active against Treponema and Leptospira spp. It has no activity clinically against. Pseudomonas aeruginosa (pyccyanea), Mycobacterium tuberculosis, Brucella abortus, most strains of Aerobacter aerogenes, pathogenic fungi, protozoa or viruses.

Ceporin is highly bactericidal. Like the penicillins it acts principally against actively growing and dividing cells, of which usually more than 99% are killed in two to five hours, at concentrations only slightly higher than the minimum inhibitory concentration. Development of resistance is therefore uncommon. Ceporin is relatively insensitive to staphylococcal penicillinase.

Indications

Respiratory tract infections: follicular tonsillitis,

pharyngitis, sinusitis, acute and chronic bronchitis, infected bronchiectasis, bacterial pneumonia and bronchopneumonia, post-operative chest infections, empyema, lung abscess and complicated whooping cough.

Urinary tract infections: acute and chronic pyelonephritis, cysitis, asymptomatic bacteriuria and bacterial prostatitis. Solt-tissue and skin infections: furunculitis, cellulitis, carbuncles, abscesses, erysipelas, infected gangrene, otitis media and mastoidius, peritonitis and post-traumatic and post-surgical wound infections. Other infections: septicaemia, whether gram-positive or

Ginar-negative: Endocarditis, both acute and subacute. Meningitis, especially pneumococcal. Gynaecological and obstetrical infections, including septic abortion, uterine infections, endometritis, amnionitis, pelvic abscess, pelvic cellulitis, breast abscess and prophylactically in Caesarean section and prolonged labour. Neo-natal infection, prophylaxis and treatment. Gonorrhoea and syphilis where penicillin is unsuitable due to resistant organisms or allergy. Bone and joint infections, including osteomyelitis and septic arthritis. Intensive care, artificial kidney and peritoneal dialysis units – prophylactically and therapeutically. Prophylactically in open-heart, vascular and genitourinary surgery. Also in orthopaedic surgery where amputations are undertaken because of inadequate blood sunch kinghes.

supply to limbs. Dental treatment: patients receiving long-term penicillin prophylaxis against endocarditis require a different antibiotic whilst undergoing dental treatment and Ceporin is well suited for this purpose.

General dosage and administration

Genoria to say and administration. It is usually given by intramuscular or deep subcutaneous injection, which is painless and well tolerated. It may also be given intravenously, intrathecally, intrapleurally or intraperioneally.

Table 1 General guide to dosage (see also specific dosage recommendations section)

Indications	Adults		Infants and children
Gram-positive infections of a mild or moderate nature* and urinary tract infections	0-5 gram or	mg/kg/day e.g. two or three times a day	15 to 30 mg/kg/day (7 to 14 mg/lb/day) divided into two or three doses
*Acute, simple, soft tissue infections	•	wice a day	
	1 gram once a day is adequate		
Gram-negative or mixed infections (except those of the urinary tract) and severe gram-positive infections	40 to 66 mg/kg/day e.g. 1 gram three times a day or 1:5 grams two or three times a day or 2 grams twice a day		40 to 60 mg/kg/day (18 to 27 mg/lb/day) divided into two or three doses
Infections of exceptional severity (e.g., bacterial endocarditis and septicaemia) and severe, chronic, purulent bronchitis	60 to 100 e.g. 1.5 to 2	0 mg/kg/day grams three times a day or bur times a day	60 to 100 mg/kg/day (27 to 45 mg/lb/day) divided into two to four doses
Neo-natal infections therapy prophylaxis	_		30 mg/kg/day divided into two doses 30 mg/kg/day as one daily dose
General guide to dosage in presence of impaired renal function If renal function is impaired and the dosage of the drug not reduced, then abnormally high, and possibly toxic. levels of the drug may accumulate in the blood and tissues. The degree of renal functional impairment should be determined (as, for example, by creatinine clearance, serum creatinine and blood urea) and, if possible, blood		levels of the antibiotic should be monitored. Table 2 is an approximate guide to continuation dosage, following a loading dose of 1 gram of Ceporin. Adjustment may be needed for individual patients according to the blood levels of drug achieved, and the dosage reduced if progressively increasing serum levels are found. (continued overleaf)	

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

ADVERTISEMENTS

x

Table 2					
Blood urea mg/100 ml	Serum creatinine mg/100 ml	Creatinine clearance ml/min	Recommended maximum dosage of Ceporin grams daily		
60 to 100	1.2 to 4	>10	2.0		
100 to 200	4 to 6	5 to 10	1.0		
> 200	>6	<5	0.5		

Side effects and toxicity

With a dosage of 6 grams or more daily, hyaline casts have appeared temporarily in the urine of some patients, occasionally accompanied by scanty other cellular elements. There have also been rare reports of disturbance of renal function associated with high blood levels of Ceporin. It is important, therefore, when using high doses of the drug (6 grams or more daily) or when renal function is impaired, to avoid abnormally high blood levels of Ceporin. Dosage should be adjusted carefully in patients with severe renal impairment in accordance with blood levels of the drug (see section on dosage recommendations for patients with impaired renal function). As with other antibiotics, Ceporin should be administered with caution to patients with a history of allergy, especially to drugs (including penicillin). Ceporin is usually tolerated well by patients allergic to penicillin, but cross-reaction with penicillin has been encountered rarely. Ceporin occasionally causes hypersensitivity reactions, mostly skin rashes. If this happens the drug should be stopped and not used again in that patient. Very rarely an anaphylactic reaction has developed. In this event the drug should be discontinued immediately and

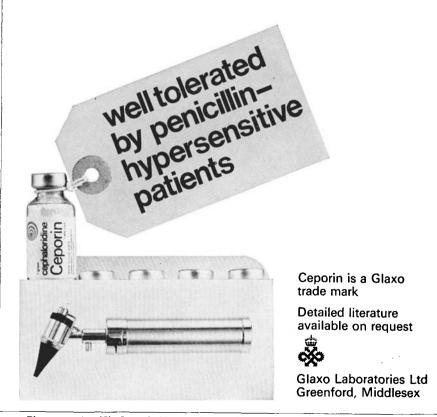
the patient treated at once with the usual agents (adrenaline, antihistamines and an intravenous corticosteroid). A few cases of reversible neutropenia have been reported and a temporary slight rise in serun glutamic-oxaloacetic transaminase has been noted. Reversible nystagmus and signs of cerebral irritation have neversible invasoring and signs to be before a inflation nav occurred following instantaecal administration of 100 mg or more, but not when the maximum adult intrathecal dose does not exceed 50 mg. There has been no laboratory or clinical evidence of teratogenicity or embryopathic effects but, as with all drugs, Ceponin should be used with caution in the early months of pregnancy.

Legal restriction

To be supplied on prescription only (Therapeutic Substances Act: Part II)

Presentation

Ceporin is issued in vials containing 250 mg, 500 mg and 1 gram of cephaloridine, packed singly and in boxes of five. Vials containing 100 mg of cephaloridine are packed in boxes of five only,



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

https://doi.org/10.1017/S0022215100069310 Published online by Cambridge University Press

What clinicians
say about
ORBENIN

Clinicians have frequently testified to the success of Orbenin in the treatment of Gram-positive infections. World Literature now contains over 400 references to Orbenin.

Pneumonia 🗌 Lung Abscess 🗌 Tonsillitis 🗌 Pharyngitis 📋 Acute bronchitis

Septicaemia

Boils Carbuncles C Infected dermatoses

Osteomyelitis 🗌 Osteitis

Post-operative wound infections [] Burns [] Skin graft protection

Acute endocarditis

Staphylococcal enterocolitis
Staphylococcal urinary tract infections
Staphylococcal meningitis

Dosage

Adults: 500mg (2 capsules) four times daily, by mouth. 250mg (1 vial) by intramuscular injection, four times daily.

Children: Under 2 years—quarter adult dose. 2-10 years—half adult dose.

In severe infections the dosage may be increased.

Contra-indications

Orbenin should not be given to patients with a penicillin allergy or administered by subconjunctival injection.

Side-effects

As with other penicillins.

Additional information is available on request.

BRI

Orbenin (Regd.) (cloxacillin sodium BP) is a product of British research at **Beecham Research Laboratories** Brentford, England. originators of the new penicillins.



Instruments for Audiology

Manufacturers and Distributors of the World's leading makes

Manufacturers and the World's leading PAEDIATRIC AUDIOMETE **AUDIOMETER AU-1**

A small pure-tone, free-field Audiometer intended for hearing tests of Babies and young Children. Designed by staff of the Atomic Weapons Research Establishment at Aldermaston Berkshire to the specification of Dr. K. P. Murphy of the Audiology Research Unit in Reading. It is manufactured under licence from the United Kingdom Atomic Energy Authority



Our range includes instruments from the most eminent manufacturers throughout the world. Please let us know your needs

.1.1.1.1.1.1.1.1.1

In a first with a start

G. C. Johnson, Leyton Instrument Co. Ltd., 54 Albert Road, Caversham, Reading, Berks Cables: Linco Reading Telephone: 0734 72293

THE LARYNGOSCOPE

A Monthly Journal devoted to the disease of EAR, NOSE AND THROAT

Official organ for the American Laryngological Rhinological and Otological Society

Price \$18.00 per vear Canada \$19.00 per year Foreign \$19.00 per year

ESTABLISHED 1896

THEODORE E. WALSH, M.D. EDITOR

517 SOUTH EUCLID AVENUE SAINT LOUIS MO. 63110.



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



Otosporin' rapidly destroys virtually *all* bacteria commonly found in ear infections, reduces irritation, inflammation and pain. 'Otosporin' brand Drops contain polymyxin B sulphate, neomycin sulphate and hydro-cortisone in a bland suspension designed to facilitate penetration. Issued in bottles of 5 ml.



Full information is available on request.



Burroughs Wellcome & Co. London (The Wellcome Foundation Ltd.)