

October
1997

The Journal of
**Laryngology
& Otology**

Founded in 1887
by Morrell Mackenzie & Norris Wolfenden

Edited by Neil Weir
and Guy Kenyon

Assistant Editors
Carol Wengraf,
Richard Ramsden,
David Proops,
Valerie Lund,
Henry Grant,
Andrew Jones,
Michael Rothera,
Martin Bailey,
Liam Flood,
Patrick Bradley,
Nick Jones &
Iain Swan

Emeritus Advisor
in Pathology
Imrich Friedmann

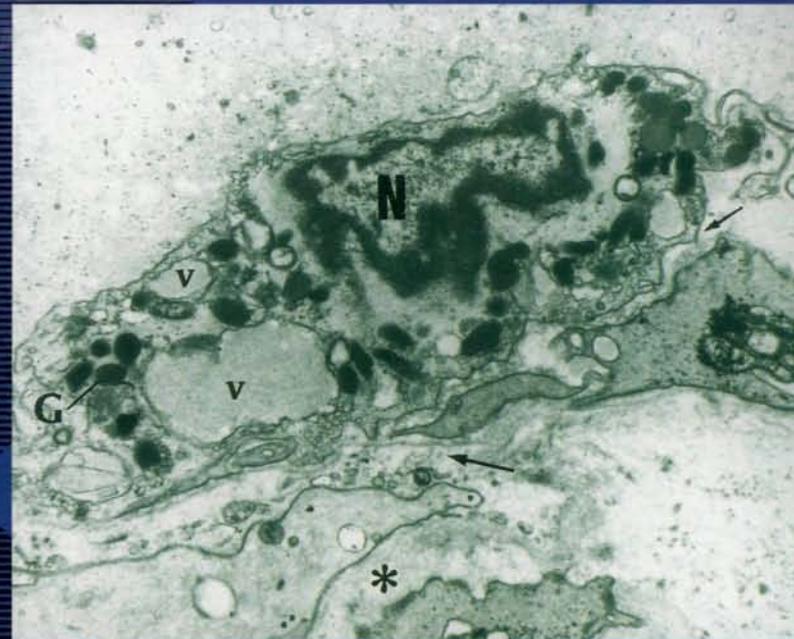
Advisors in Pathology
Brian Manners,
Christopher Milroy &
Lesley Smallman

Advisor in Audiology
Linda Luxon

Advisors in Radiology
Glyn Lloyd &
Peter Phelps

Advisors in Statistics
Anthony Hughes,
Peter Kelly & Janine Gray

Production Editors
Gillian Goldfarb &
Jennifer Almond



features:

Voice disorders following road
traffic accidents

The Graham Fraser Lecture
MRI in the assessment of tracheal
stenosis following percutaneous
dilational tracheostomy

A new alternative to the operating
microscope in the temporal bone
laboratory

Systemic absorption of gentamicin
ear drops

V o l

1 1 1

No 10



THE UNIVERSITY
of LIVERPOOL

***The Fifth British
Head & Neck Surgery Course***

Incorporating the XXXVIII Head and Neck Course

To be held at

**The University of Liverpool
Liverpool, UK**

TUESDAY 20th – FRIDAY 23rd JANUARY 1998

This annual head and neck oncology course is aimed primarily at trainees requiring a knowledge of head and neck oncology. The course will also be of great use in both revision and updating the knowledge of more senior head and neck oncologists. It is suitable for otolaryngologists, oral and maxillofacial surgeons and plastic surgeons. It not only aims to give adequate knowledge for preparing for the Fellowship and Intercollegiate examinations but also to provide an up-to-date account of how to deal with the patient with head and neck cancer. It also aims to give a spectrum of current opinion but at the end of each session, there will be a summing up so that the general consensus of opinion can be given.

Unlike previous years, the course will include a guest speaker, Eugene Myers from Pittsburgh, who will give the Stell and Maran Head and Neck Foundation Lecture. It is envisaged that the speaker will take some part in the course generally, and will thus, add a new dimension to the course.

The emphasis of the course will be on short succinct, up-to-date lectures and brisk panel discussions followed by a summing up. Audience participation will be encouraged.

THE MAIN FACULTY: Mr P J Bradley, Mr D Howard, Professor A S Jones

The faculty will also include various invited speakers from around the British Isles.

The course fee is £500

Further details from

Mrs Linda Jones

Department of Otolaryngology/Head & Neck Surgery
The University of Liverpool, Duncan Building, Daulby Street
LIVERPOOL L69 3GA

Telephone: 0151 706 4051. Fax: 0151 706 4057



The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

Edited by NEIL WEIR and GUY KENYON

Assistant Editors CAROL WENGRAF, RICHARD RAMSDEN, DAVID PROOPS, VALERIE LUND, HENRY GRANT, ANDREW JONES, MICHAEL ROTHERA, MARTIN BAILEY, LIAM FLOOD, PATRICK BRADLEY, NICK JONES & IAIN SWAN

Production Editors GILLIAN GOLDFARB & JENNIFER ALMOND

INSTRUCTIONS FOR AUTHORS

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 acknowledgement must be made. Normally an original main article should not exceed 7500 words.

Longer articles or theses will be considered for publication as *Supplements*, at the expense of the authors or their employing authorities.

2. Manuscripts should be **typewritten in duplicate** on one side of the paper only (A4 297 x 210 mm) and double spaced, with wide margins.

Begin each component on a new page in the following sequence: title page, abstract, text, acknowledgements, references, tables and legends.

(a) **Title page**—Titles should be short with names of the authors, higher degrees only. Details of the departments in which the authors work should be put lower down. An address for correspondence should be supplied together with the author who should receive this; this will ultimately appear beneath the list of references. Any change of address should be notified. If the paper was presented at a meeting, the details of this must be given and will be inserted at the bottom of the first page of printed script.

(b) **Abstract**—This should contain not more than 150 words and include a statement of the problem, the method of study, results and conclusions; a 'summary' section should **not** be included in the main manuscript. **No paper will be accepted without an abstract.**

(c) **Key Words**—Only those appearing as Medical Subject Headings (MeSH) in the supplement to the Index Medicus may be used; where no appropriate word(s) are listed those dictated by common sense/usage should be supplied.

(d) **Text**—Suggested outline—(1) introduction, (2) materials and methods, (3) results, (4) discussion, (5) conclusion.

(e) **Tables** are adjuncts to the text and should not repeat material already presented.

(f) **Illustrations**—Two sets of illustrations, one with each copy of the manuscript, must be submitted and all authors should remember that the single column width is 80mm. One set of illustrations should, therefore, not exceed this width and they should ensure that the essential features are illustrated within this dimension.

Coloured illustrations will be charged to authors, unless a special grant is authorized by the Editor.

Written permission from the publisher must be provided to the *Journal* in order to republish material with copyright elsewhere and also from the senior author where necessary. Consent to be obtained from a patient if a photograph of their face is to be reproduced.

(g) **Measurements** must be in metric units, with *Système Internationale* (SI) equivalents given in parentheses.

(h) **References**—For *Journal* articles, The Harvard system of recording references should be used, e.g. Green, C. and Brown, D. (1951) The tonsil problem. *Journal of Laryngology and Otology* 65: 33–38. A paper written by more than two authors should be abbreviated in the text, e.g. Green *et al.* (1951), but *all* the authors should be given in the list of references. The titles of all *Journals* should be given without abbreviation. **References should be listed in alphabetical order**, use of the Vancouver system will **not** be accepted.

For single-author books, the following style should be used: Green, C. (1951) *The tonsil problem*, 2nd Edition. vol. 1, Headley Brothers Ltd., Ashford, Kent, pp 33–38.

For papers in multi-books with one or more editors, the reference should include the title of the chapter and the names of the editors, together with the number of the edition as e.g. Brown, D. (1951) Examination of the ear. In *Diseases of the Ear, Nose and Throat*. 2nd Edition. (White, A., Black, B., eds.), Headley Brothers Ltd., Ashford, Kent, pp 33–38.

It is most important that authors should verify personally the accuracy of every reference before submitting a paper for publication. The names of authors cited in the References should be given in alphabetical order.

(i) **Drugs**—The proper names of drugs must be used. One reference can be made to the brand name if it is felt to be important to the study.

(j) **Financial disclosures**—In the submission letter to the Editor, the authors must list all affiliations with or financial involvement in, organizations or entities with a direct financial interest in the subject matter or material of the research discussed in the manuscript.

(k) **Declaration**. Each manuscript must be accompanied by a letter of declaration to be signed by each author to confirm that they have seen, read and approve the contribution bearing their name.

(l) **Rejections**—All manuscripts which are rejected will no longer be returned to the authors. Those submitting papers should, therefore, ensure that they retain at least one copy and the reference numbers, if any, of the illustrations. The only exception to this will be those manuscripts with colour illustrations which will be returned *automatically* by Surface Mail.

(m) **Facsimile (FAX)**—All authors should send a Facsimile number whenever possible to speed communication; this particularly applies to those outside the United Kingdom. Manuscripts with no visual illustrations (X-rays/pathology) may be sent by facsimile.

3. Page proofs are sent to authors for corrections, which should be kept to a minimum; they must be clearly marked, and no extra matter added. Proofs should be returned within 5 days.

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

5. Editorial communications may be addressed to **The Editor, Journal of Laryngology and Otology, c/o Headley Brothers Ltd., The Invicta Press, Ashford, Kent TN24 8HH, or sent by FAX (01483 451874).**

6. **The annual subscription is £110.00 Institutions & Libraries US\$250.00; £85.00 Individuals US\$195.50; £45.00 Registrars, Residents and Interns.** (Those in training should submit a certificate from The Head of the Department giving details of their appointment; those who qualify must supply their *home* address for mailing direct). Claims to be made for missing issues within 6 months of each publication date.

7. Single copies of current or back numbers (when available) will be on sale at £18.00 each (including postage).

8. **SUPPLEMENTS** published at 'irregular' intervals with subscription, available separately on request.

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

Instructions for Occasional Articles

Review Articles. Articles of this type, preferably not exceeding 3,000 words will be considered but the author(s) are expected to be a recognized authority on the topic and have carried out work of their own in the relevant field.

Historical Articles. Articles of this type are generally encouraged, but it is obvious that they have to provide some new information or interpretation, whether it be about a well-known person or for example an instrument associated with him, but those from within a Hospital's own department who have made a hitherto less well-known contribution would be welcome.

Audit Articles. Articles should be of general audit interest—not specifically departmental. It should always be demonstrated that the 'audit cycle' has been completed.

'Silence in Court'. Articles on medicolegal topics are welcome but a preliminary letter written beforehand is requested to ensure that the contribution would be appropriate.

Short Communications. This feature will be used on an occasional basis. Examples of material suitable for inclusion under this title would be, for example, a piece of work which was of clinical interest but had failed to produce findings which were of statistical significance; where an investigative technique has been applied to an allied field, not warranting a further in-depth description of its earlier application and methodology.

Radiology in Focus. Short reports on cases in which the radiology has been crucial in the making of the diagnosis or the management of a particular case now appear on a monthly or bimonthly basis. This spot is to encourage clinicians and radiologists to produce material of particular interest in the specialty and to encourage co-operation in this field. Only presentations with first-class illustrations can be accepted and these must emphasize a problem of unusual clinical interest.

Pathology in Focus. Articles which are of pathological interest with particular emphasis on the way the diagnosis was achieved now appear on a monthly or bimonthly basis. It is hoped that clinicians will involve their pathologists in these reports, and all illustrations must be of first-class quality. Where a department, particularly those overseas, may not have such specialized facilities. It may be possible, if a block or several unstained sections are provided for our Adviser to produce or supplement the illustration submitted. Only contributions of particular pathological interest will be accepted.

Oncology in Focus. This new feature is for papers concerned with oncological treatment and investigation.

Letters to the Editor. This feature has been re-introduced to give those who wish to comment about a paper previously published within the *Journal*, an opportunity to express their views. Wherever possible, the original author is asked to add his further comment, thereby adding to the value of the contribution. Such letters should be sent as soon as possible after publication of each month's issue of the *Journal* in the hope of including them early thereafter.

'Mini-papers', such as those which appear in the *British Medical Journal*, *Lancet*, or *New England Journal of Medicine*, will not be acceptable except on the rare occasion that they bring information of immediate interest to the reader.

HEADLEY BROTHERS LTD, THE INVICTA PRESS, ASHFORD, KENT

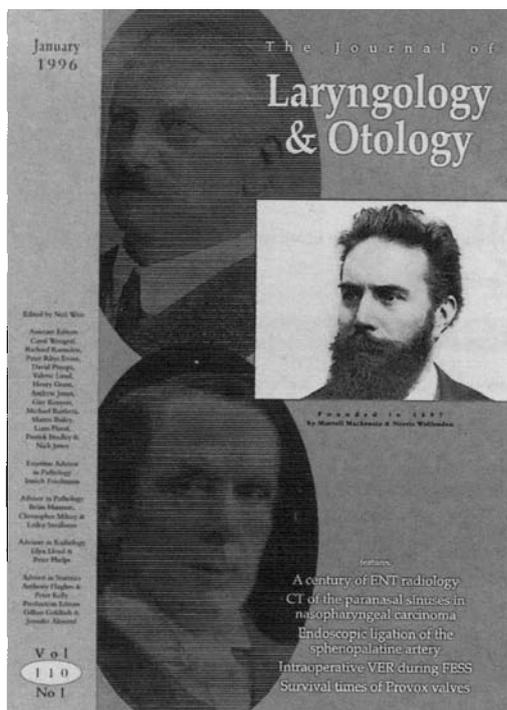
© *Journal of Laryngology and Otology Ltd.*, 1997 ISSN 0022-2151

Periodicals Postage Paid at Rahway N.J.

Postmaster: Send address corrections to The Journal of Laryngology and Otology, c/o Mercury

Airfreight International Ltd. Inc., 2323 Randolph Avenue, Avenel, N.J. 07001. Frequency of Publication: Monthly.

SUBSCRIBE TO THE BEST IN ENT



The Journal of Laryngology and Otology was the first British journal in the ENT field. Since 1887, it has remained the definitive information resource for surgeons, consultants and students. The Journal is run as a charity to promote education and knowledge in all spheres of Laryngology, Rhinology, Otology and related fields.

The JLO is very much an international journal with contributors from around the world and readers from over 80 countries.

The JLO contains main Articles, case reports and short communications from all over the world. Other contents include the quarterly book review, selected abstract service, and every ten years there is a comprehensive index issue published. By subscribing to the JLO, you not only gain everyday access to this valuable source of information, but also assist in the promotion of excellence in the ENT domain.

☎ To subscribe today fax +44 (0)1233 612345 with your credit card details.

The Journal of Laryngology and Otology



Journal of Laryngology and Otology

Headley Brothers Ltd, The Invicta Press, Ashford, Kent TN24 8HH, UK

Tel: 01233 623131 Fax: 01233 612345 Email: Publishing@headley.co.uk

Please enter my subscription for

Individual

1997 - £85 (U.S.\$195.50)

1998 - £90 (U.S.\$207)

Institutional

1997 - £110 (U.S.\$250)

1998 - £120 (U.S.\$275)

Registrars / Residents / Interns (Please send letter from tutor or head of department to confirm training status)

1997 - £45 (U.S.\$100)

1998 - £45 (U.S.\$100)

Name: _____

Address: _____

Postcode: _____

Payment to Journal of Laryngology and Otology by cheques in Sterling drawn on a London bank or U.S. dollars drawn on a U.S. bank.

Bill me
 I enclose my cheque for £ _____
 made payable to The Journal of Laryngology & Otology

Please charge £ _____ to my

Mastercard Visa Access Eurocard
 Account Number

Card Expiry Date _____

Signature _____ Date _____

Please allow up to 30 days for your order to be processed.

MONEY BACK GUARANTEE

The Journal of Laryngology and Otology will send you a full refund on the unexpired part of your subscription should you decide you do not wish to continue your subscription.

OCT 97

Institute of Child Health
and Great Ormond Street Hospital for Children NHS Trust
UNIVERSITY COLLEGE LONDON MEDICAL SCHOOL

Cochlear Implant Information Day 23 October 1997

This open day is to inform parents and professionals with regard to the assessment, implementation and rehabilitation of children on the Great Ormond Street Cochlear Implantation Programme.

Fee: £75 (doctors) £50 (teachers, therapists)
£25 (parents)

Paediatric Audiology Update 20 March 1998

Topics covered by this course include surgical and medical aspects of middle ear and external ear diseases; their causes; diagnosis of hearing loss; the genetics of hearing loss; specialised hearing aids; and educational provision for children with impaired hearing.

Fee: £75

Masterclass in Paediatric Otolaryngology 22 - 24 April 1998

This workshop is intended for consultants and senior registrars with a special interest in paediatric otolaryngology and concentrates on recent advances in surgical management. The programme is divided equally between seminars and demonstrations of operative technique. Surgical procedures will be televised live with commentary and discussion.

Fee: £375

Introductory Workshop for Speech and Language Therapists Working with Children with Cochlear Implants 21 May 1998

This course combines lectures, videos and small group sessions and aims to provide a framework and practical ideas for working at a local level with children with cochlear implants.

Fee: £75

Further details and application forms for all courses are obtainable from:

Courses and Conferences Office,
Institute of Child Health,
30 Guilford St, London WC1N 1EH
Tel: 0171 829 8692.
Fax: 0171 831 0488.
E-mail: Courses@ich.ucl.ac.uk.



Temporal Bone Surgical Dissection Course

presented by

GEORGIA EAR INSTITUTE

- Designed for practicing otolaryngologists and senior residents in training
- Includes lectures and temporal bone dissection
- All specimens and instruments provided

Courses - 1997

October 20-24

Courses - 1998

January 19-23, May 18-22,

September 14-18, November 16-20

Fee: Physicians - \$800 • Residents - \$350

CME Credits: 50 Hours

COURSE DIRECTORS:

M. MILES GOLDSMITH, MD, FACS

MALCOLM D. GRAHAM, MD, FACS

For further information, contact:

Shirley Johnson, RN, MSA • Medical Education Department

P.O. Box 23089 • Savannah, Georgia 31403-3089

912-350-7365 • Fax 912-350-8998

MEMORIAL
MEDICAL CENTER

SAVANNAH, GEORGIA USA

INSTITUT GEORGES
PORTMANN
CLINIQUE UNIVERSITAIRE O.R.L. DE
BORDEAUX

39th ENGLISH COURSE IN MICRO SURGERY IN OTOTOLOGY AND OTONEUROLOGY

BORDEAUX, JUNE 29 TO JULY 4, 1998

Conducted by Professor
Michel PORTMANN

J. P. Bébéar, G. Lacher, D. Portmann
(Bordeaux)

A. Richards, N. Shah (London) &

J. Garro (Washington D.C.)

The Staff of the E.N.T. Dept. of the University
of Bordeaux

A SIX-DAY INTENSIVE COURSE INCLUDING:

Theoretical and practical lectures
Surgical demonstrations
Temporal bone dissection
Cases presentations
Discussion

Registration:

Institut Georges Portmann

114 Avenue d'Arès - 33074 Bordeaux
Cédex - France

Tel. +33 5 56 24 30 15

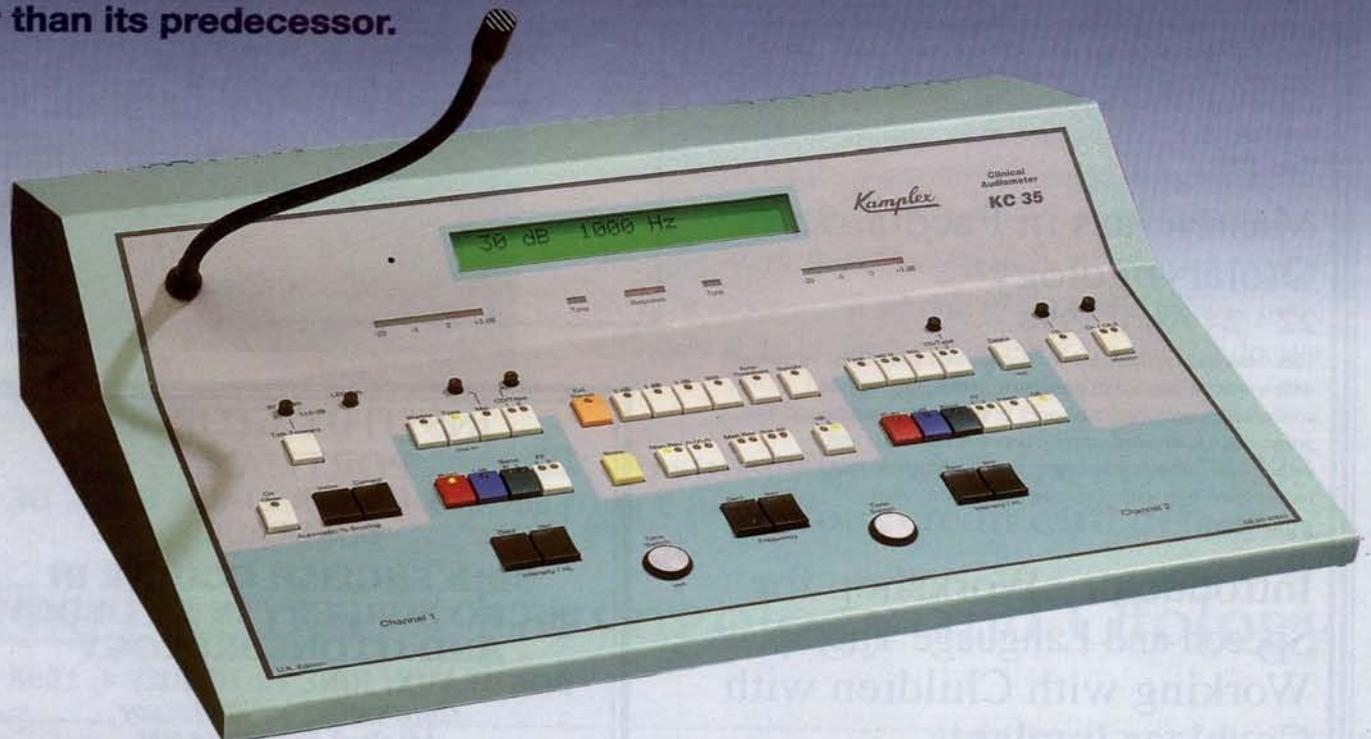
Fax. +33 5 56 96 13 17



Kamplex **KC35** **Clinical Audiometer**

P.C. Werth continue the Kamplex 'K' Series with the all new **KC35** Clinical Audiometer specifically designed and manufactured for the UK.

This 'benchmark' audiometer combines the renowned Kamplex AC30 facilities with new technology and contemporary appearance, whilst fully maintaining the Kamplex ease of operation. Larger display, improved monitoring facilities, combined with easily adjustable front panel controls ensure the **KC35** will be even more popular than its predecessor.



Features include:

- Large LCD display
- Front panel level controls
- Optional free-field amplifiers
- SISI test
- TT decay test
- Threshold storage
- RS232 computer interface
- Printer output
- NOAH compatible
- Full clinical facilities
- Auto threshold
- User configuration via software

FOR A PRIORITY DEMONSTRATION, PLEASE CONTACT OUR INSTRUMENT DIVISION ON 0181-675 5157

Exclusively from
P.C.WERTH LTD

Audiology House, 45 Nightingale Lane, London SW12 8SP
Telephone: (0181) 675 5151 Fax: (0181) 675 7577