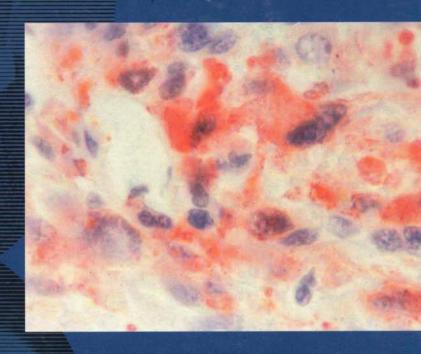
February 1998

The Journal of

Laryngology & Otology

Founded in 1887 by Morrell Mackenzie & Norris Wolfenden



features:

Positron emission tomography – a useful imaging technique for ENT?

Molecular Biology Series – basic molecular genetics

Is primary radiotherapy an appropriate option for the treatment of verrucous carcinoma of the head and neck?

Stapedectomy for far-advanced otosclerosis

ENT day surgery in England and Wales – an RCS audit

Edited by Neil Weir and Guy Kenyon

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

Assistant Editors (USA) Steven Zeitels Saumil Merchant

Emeritus Advisor in Pathology Imrich Friedmann

Advisors in Pathology Christopher Milroy & Lesley Smallman

Advisor in Audiology Linda Luxon

Advisors in Radiology Glyn Lloyd & Peter Phelps

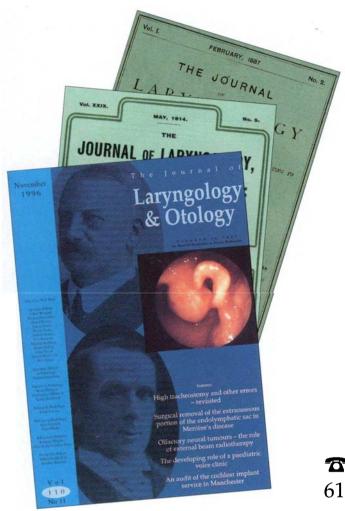
Advisors in Statistics Anthony Hughes, Peter Kelly & Janine Gray

> Production Editors Gillian Goldfarb & Jennifer Almond

V o 1 1 1 2

1/15 To 2017/S0022218100140095 Published online by Cambridge University Pri

THE CHANGING WORLD OF ENT EVERY MONTH IN THE JLO



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.

The Journal has a very good record of publishing up-to-date information; many articles are published within three months of being accepted for publication. As part of our charitable mandate we sponsor Travelling Fellowships for registrars, Visiting Professors who conduct lecture tours of the UK, and the JLO subsidizes our Student price to maximise access by the next generation. 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 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 1998 – £90 (U.S.\$207.00) Institutional 1998 – £120 (U.S.\$275) Registrars / Residents / Interns (Please send letter from tutor or head of department to confirm training status)	□ 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
☐ 1997 – £45 (U.S.\$100)	Signature Date
Name:	Please allow up to 30 days for your order to be processed.
Address:	MONEY BACK GUARANTEE
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.	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 to continue your subscription. FEB 98

The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

Edited by NEIL WEIR and GUY KENYON

INSTRUCTIONS FOR AUTHORS

1. Original Articles which have not been published elsewhere are invited and should be sent to the Editors. Articles should not normally exceed 7,500 words. Audit articles must demonstrate that the 'audit cycle' has been completed. Articles concerning medico-legal matters are also welcome. Longer articles or theses will be considered for publication as *Supplements* but, in such instances, the costs of publication must be met by the authors or their employing authorities.

2. Review Articles, preferably not exceeding 3,000 words, will be considered but the authors are expected to be recognized authorities.

3. Historical articles of well known characters or events should provide some new information or interpretation: those from within a

Hospital's own department highlighting a hitherto less well known contribution are also welcome.

4. Short reports where radiology, pathology or medical oncology have been critical in diagnosis or management will be published on a monthly or bimonthly basis under the headings Radiology, Pathology or Oncology in Focus. Such articles should not normally be longer than 4 pages of A4 text (excluding title page and references) and must emphasise a problem of particular clinical interest. The pathologist, radiologist or oncologist who has been involved will normally be expected to be a co-author and will be expected to sign the covering letter

5. Clinical Records (Case Reports) should be brief (as with short reports, no more than 4 pages of A4 text) and should be confined to single cases without precedent in the world literature or to cases which illustrate some entirely new facet in management or investigation.

Reports of relative rarities are only welcome when they add to our understanding of a clinical issue.

6. All manuscripts are considered on the understanding that they have been submitted solely to this Journal and that, if accepted, subsequent reproduction in whole or in part will not be permitted without the explicit written consent of the principal Author and Editors. In all cases where such permission is granted the customary acknowledgements must be made.

7. All papers must be accompanied by a covering letter. This should contain a declaration, to be signed by each author, to confirm that

they have read and approved the contribution bearing their name. Authors should also individually indicate the part they have played in data

they have read and approved the contribution bearing their name. Authors should also indicate the part they have played in data collection, analysis or authorship. The principal investigator (who should normally be the first author) should also indicate that he or she is prepared to take total responsibility for the integrity of the content of the manuscript.

In the same letter the authors must list any potential or actual conflicts of interest: where none have occurred this should be clearly stated. Conflicts of interest include affiliations with, or financial involvement in, organizations or entities described in the manuscript and include grant monies, honoraria, fees or gifts related to the work as well as indirect financial support where equipment or drugs have been supplied.

8. Manuscripts must be typewritten in duplicate on one side of the paper only (A4 297 × 210 mm). Double spacing with wide margins (5

cm for the header and 2.5 cm for the remainder) should be used throughout. The pages should be sequentially numbered.

Begin each section on a new page in the following sequence: title page, abstract, text, acknowledgements, references, tables and legends. The following details should apply to each of these sections:

(a) Title Page—This should contain a succinct title for the paper and the names of the authors together with their principal higher degree(s). Below this should be the details of the departments in which the authors work and the name of their affiliated institution(s). An address for correspondence and the name of the author who is to receive this should be typed at the foot of the title page: this will ultimately appear beneath the list of references.

appear beneam the list of references.

If the paper was presented at a meeting, the details must be given and will be inserted at the foot of the first page of printed text.

(b) Abstract and Key Words—The abstract should be no longer than 150 words and should include a statement of the problem, the method of study, the results obtained and the conclusions drawn. A separate 'summary' section in the main manuscript is not permitted. Following the abstract should be those key words which can be used to index the article. Only the words appearing as Medical Subject Headings (MeSH) in the supplement to Index Medicus may ordinarily be used: in exceptional circumstances, and where no appropriate word(s) are listed, those dictated by common usage should be supplied.

No paper will be accepted without an abstract and appropriate key words.

(c) Text—The text should normally follow the common outlines, i.e., introduction, materials and methods, results and analysis, discussion, conclusion(s). The latter sections should clearly indicate how this work fits with the current body of world literature.

(d) Illustrations—Tables and charts should be adjuncts to the text and must not repeat material already presented. They should be numbered consecutively, with Roman numerals, and must be marked with a clear legend.

Photographic illustrations should be unmounted, should not exceed 80 mm in width and should be high quality black and white prints: reproduction of coloured prints will normally be charged to the authors. Two sets of photographic illustrations, one with each copy of the manuscript, should be supplied and each should be clearly identified on the back with the figure number and the first authors name. Where any ambiguity might result the top edge should be identified with an arrow to aid orientation. Colour illustrations from papers are occasionally selected by the editor for use on the front cover of the journal at no cost to the authors. If appropriate a colour version of one of the black and white photographs submitted can be included for this purpose.

Photomicrographs of histopathological specimens must be accompanied by details of the staining method and the magnification used. Photographs which could result in the person illustrated being identified must be accompanied by a signed release giving specific consent to publication. For minors signed parental permission is required.

Written permission from the publisher to reproduce any illustration with copyright elsewhere must be obtained and, where necessary, the consent of the senior author must also be acquired.

(e) Measurements—These must be in metric units with Systeme Internationale (SI) equivalents given in parentheses.

(f) References—The Harvard system should be used. Other systems are not permissable.

In the list of references all authors should be included and references should be in alphabetical order (by name of first author). The following format should be used:

For papers the names of the authors, the year of publication, the title and the journal name in full should be given followed by the volume and page numbers, e.g., Green, C., Brown, D. (1951) The tonsil problem. *Journal of Laryngology and Otology* 65: 33–38.

For single author books the style used should be Green, C. (1951) The tonsil problem. 2nd Edition. vol. 1, Headley Brothers Ltd., Ashford,

Kent, pp 33-38.

For papers in multi author 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 in: 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.

Within the body of the text references should be in parentheses and should cite the author(s) and the year of publication. A paper written by three or more authors should be abbreviated e.g., Green et al., 1951.

The authors should personally verify the accuracy of every reference before submitting a paper for publication.

(g) Drugs-The proper names of drugs should be used. One reference to a proprietary name may be given if this is felt to be important to

9. Submission of manuscripts—Manuscripts should be sent to the Editors, The Journal of Laryngology and Otology, 2 West Road, Guildford, Surrey GU1 2AU (Fax: +44(0)1483-451874). All authors should send a facsimile number where possible to speed communication. Material submitted on floppy disk or sent by e-mail is not acceptable. Page proofs sent to authors should be corrected and returned within 5 working days. No extra material should be added to the manuscript

at this stage. Orders for reprints must be made on the form provided at the time of returning the proofs.

10.Rejection of manuscripts—All manuscripts that are rejected will no longer be returned to the authors and those submitting papers should, therefore, ensure that they retain at least one copy. The exception will be manuscripts containing coloured illustrations where the illustrations only will normally be returned automatically by Surface Mail.

11.Subscriptions, advertising and business communications—Information concerning these matters can be obtained from The Editors, c/o The Journal of Laryngology and Otology, Headley Brothers, The Invicta Press, Ashford, Kent TN24 8HH.

HEADLEY BROTHERS LTD, THE INVICTA PRESS, ASHFORD, KENT, GREAT BRITAIN

© Journal of Laryngology and Otology Ltd., 1998 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.



COURSES 1998

Percutaneous Tracheostomy under Endoscopic Control

May 1998

One-day practical course aimed at Intensive and Otolaryngologists who wish an introduction to the skills necessary to practice this procedure using a safe technique. The course offers small group tuition and laboratory tissue models

Endonasal and Endoscopic Sinus Surgery for Registrars and SHOs

12-13 May 1998, FEE: £395

A two-day practical course designed for Junior Registrars and SHOs in ORL, who wish to extend their skills in the nasendo-scope and sinuscope. This is a laboratory based practical course which concentrates on the skills required for procedures such as nasendoscopy, sinuscopy, endoscopic turbinate surgery, septal surgery, endoscopic middle meatal antrostomy. Faculty will include Mr P White (Dundee), Mr G McGarry (Glasgow), Mr B Bingham (Glasgow). MATTUS approved.

4th Dundee Course in Middle Ear Surgery

21st-22nd September 1998

A two-day course aimed Specialist Registrar year 1–4. The course will cover the principles and practices of stapedectomy and ossiculoplasty supported by tutorials, discussions, videos and practical sessions. The participants will be given "hands on" training on specially designed and temporal bone models during the practical sessions Faculty will include Mr R Mills (Dundee), Mr B O'Reilly (Glasgow) and Mr W McKerrow (Inverness), Mr J Crowther (Glasgow). MATTUS approved. Anatomical workshop for Laryngeal Framework

29th September 1998.

A one-day practical course for Senior Otolaryngology trainees and Consultants who wish to develop and extend their surgical skills in Laryngeal Framework Surgery.

Practical Bronchoscopy and Oesophagoscopy with foreign body removal

11th November 1998.

One-day practical course for specialist registrars and SHOs who wish to advance their skills in rigid endoscopy. This is a laboratory based course which concentrates on skills required for rigid and flexible bronchoscopy, oesophagoscopy and foreign body removal.

Tutors: Robin L Blair, Paul S White, Rodney E Mountain This course can be attended soley or in conjunction with:

Percutaneous Tracheostomy under Endoscopic Control

12th November 1998

One-day practical course aimed at Intensivists and Otolaryngologists

Practical Basic Laryngectomy Course

13th November 1998.

One-day practical course for Junior Otolaryngolgy trainees to develop practical skills in laryngectomy surgery. All courses offer small group tuition and laboratory tissue models.

Further details and registration form are available from Julie Struthers, Unit Co-ordinator, Surgical Skills Unit, Ninewells Hospital and Medical School, Dundee DD9 1SY.

Tel: 01382 645857, Fax: 01382 646042.

Temporal Bone Surgical Dissection Course

presented by

INTERNATIONAL CENTER FOR OTOLOGIC TRAINING (ICOT)

- Designed for practicing otolaryngologists and senior residents
- · Temporal bone dissection morning and afternoon
- · Lectures and surgical videotape

1998

.

January 17 - 21, 1998

January 23 -27, 1999 April 17 - 21, 1999

1999

May 16 - 20, 1998 September 26 - 30, 1998 November 5 - 9, 1998

September 18 - 22, 1999 November 13 - 17, 1999

\$200 • Pesidents \$350

Fees: Physicians - \$800 • Residents \$350 50 hours CME credit

— COURSE DIRECTORS: — M. MILES GOLDSMITH, MD, FACS MALCOLM D. GRAHAM, MD, FACS

Contact Shirley Johnson, RN, MSA email: JohnsSh1@memorialmed.com 912-350-7365 • Fax 912-350-8998

MEMORIAL Georgia far inshelder

Savannah, Georgia USA



TENTH FESS COURSE

AND

KTP/532 LASER WORKSHOP

CME Accredited by BAO-HNS (23 Points) Approved by European Laser Association (ELA)

Tyrone County Hospital, Omagh, N. Ireland 31st March - 3rd April 1998

A two day course in Functional Endoscopic Sinus Surgery with hands on nose-sinus endoscopy will instruct the participant with an in depth account of both morbid and endoscopic anatomy, pathophysiology, diagnosis including imaging techniques and surgical approach with post operative care. Complications and how to prevent them will be discussed in detail.

The course is aided by profuse illustrations, video presentations and live surgery.

International Guest Faculty: Professor Paul H. Toffel, University of Southern California, USA

The two day KTP/532 workshop aims to instruct the surgeons both basic concepts and the varied applications in E.N.T. & Head and Neck surgery including tissue interactions of various lasers. The latest techniques with KTP Laser in. Tonsillectomy, Functional Endoscopic Sinus Surgery, UP3 and microlaryngeal surgery are discussed by didactic lectures and video presentations.

Live Tonsillectomy surgery will be performed with KTP/532 laser on several patients. The delegates will have 'Hands on' training with KTP/532 laser system with various animal tissues and Pig's larynx with micromanupulator.

The course has limited number of places and these will be allocated on a first come first served basis.

Course Director: S. K. Kaluskar, M.S., F.R.C.S., D.L.O.(Eng.)
Further information from: Mrs. Martina Corrigan, Tyrone County
Hospital, Omagh, Co. Tyrone, N. Ireland.
Telephone: (01662) 245211 Ext 2100, Fax: (01662) 246293.
Mobil 0378 880 9876

3rd International Conference on Acoustic Neurinoma and Other CPA Tumors

Rome (Italy) 12-16 June 1999 Cavalieri Hilton Hotel

Organized by Mario Sanna M.D.

MAIN TOPICS

- A) ACOUSTIC NEURINOMA
 - B) OTHER CPA TUMORS
 - 1) Meningiomas of the CPA
- 2) Petrous Bone Meningiomas extended to the CPA
 - 3) Paragangliomas extended to the CPA
 - 4) Jugular Foramen Schwannomas
 - 5) Lipomas of CPA
 - 6) Petroclival Meningiomas
 - 7) Epidermoids

SCIENTIFIC SECRETARIAT

Taibah A. M.D., Russo A. M.D., Mancini F. M.D.
Via Emmanueli, 42 - 29100 PIACENZA (Italy) - Tel. ++39-523.754362 - Fax ++39-523.453708

E-mail: neurinoma.sanna@otologicgr.inet.it - http://www.netline.it/otologicgr

MEDICINA VIVA ORGANIZING SECRETARIAT

V.le dei Mille, 140 - 43100 PARMA (Italy) - Tel. ++39-521.290191 - Fax ++39-521.291314-293264 E-mail: medicina.viva@rsadvnet.it - http://www.rsadvnet.it/medicinaviva

Laryngology & Otology Publications

Available from the Publishers and from Agents throughout the world. Prices include postage and packing.

The Journal of Laryngology and Otology

Edited by Neil Weir

A leading international journal, published monthly and containing original scientific articles and clinical records in all fields of Otology, Rhinology and Laryngology. Including occasional supplements. Founded in 1886.

Annual subscription for 1996 (calendar year): £100.00 Institution, £85.00 Individual, Students rate £45.00.

ISSN 0022-2151

Supplements still available separately.

The ENT Surgeon looks at the Orbit

by D. F. N. Harrison

This supplement records in some detail Professor Harrison's 'personal experience over a period of 20 years dealing with a wide variety of clinical conditions in which entry into the orbit was a desirable or essential part of treatment'.

Pp 42 Printed 1980

Retail £4.00 (US\$8.00)

20 Years Experience with Homografts in Ear Surgery

by Christian Betow

The author, a professor of Otolaryngology in West Berlin, gives a full account of his pioneering development of homograft materials in reconstructive surgery of the middle ear.

Pp 28 Printed 1982

Retail £4.00 (US\$8.00)

Experimental and Clinical Studies in Otitis Media with Effusion

by Jamsheed A. Khan

An experimental and clinical study on the effects of Carbocisteine on fluid in the middle ear.

Pp 28 Printed 1983

Retail £4.00 (US\$8.00)

Proceedings of the Sixth British Academic Conference in Otolaryngology

Edited by John Ballantyne and John Booth

Pp 134 Printed 1983

Retail £5.00 (US\$10.00)

Second International Tinnitus Seminar

Chairman: Abraham Shulman

A comprehensive study of the problems and treatment of tinnitus.

Pp 323 Printed 1984

Retail £20.00 (US\$40.00)

Forensic Audiology

by Chuang Wei Ping

A clear concise and practical guide to industrial hearing damage by a barrister/physician. This is an unusual and highly specialised aide memoire for the personal injuries practitioner, well illustrated with recent case law. A commendable enterprise by the author.

Pp 57 Printed 1986

Retail £7.00 (US\$14.00)

The Acute Orbit

Preseptal (Periorbital) cellulitis subperiosteal abscess and orbital cellulitis due to sinusitis.

by J. R. Moloney, N. J. Badham and A. McRae

Pp 18 Printed 1987

Retail £7.00 (US\$14.00)

Nasal Mast Cells: A Preliminary Report on their Ultrastructure

by A. B. Drake-Lee, F.R.C.S.

The ultrastructural morphology of mast cells in the nose and the adenoids are compared. Normal cells have a very varied morphology with electron dense granules which have scrolls occasionally. Cells from patients with perennial allergic rhinitis show variable degranulation in all areas examined. Few cells were seen in the surface epithelium. Cells from the adenoids had different degrees of degranulation which suggests that mast cell reactions are not a constant feature.

Pp 17 Printed 1987

Retail £10.00 (US\$20.00)

Surgical Anatomy of Structures Adjacent to the Thyroid Apex and Post-operative Voice Change (A Review Including Dissection)

by K. L. Yerzingatsian, F.R.C.S.

Pp 13 Printed 1987

Retail £10.00 (US\$20.00)

Inferior Meatal Anstrostomy Fundamental Considerations of Design and Function

by Valerie Joan Lund, M.S., F.R.C.S.

Pp 18 (Contains 12 × 4 colour illustrations) Printed 1988 Retail £15.00 (US\$30.00)

Surgical Management of the Discharging Mastoid Cavity

by R. P. Mills, M. Phil., F.R.C.S.

Pp 6 Printed 1988

Retail £10.00 (US\$20.00)

Acquired Subglottic Stenosis

by John M. Graham, F.R.C.S.

Pp 48 Printed 1988

Retail £12.00 (US\$24.00)

The University College Hospital/Royal National Institute for the Deaf Cochlear Implant Programme

Pp 57 Printed 1989

Retail £15.00 (US\$30.00)

Place-pitch and vowel-pitch comparisons in cochlear implant patients using the Melbourne-Nucleus cochlear implant

by Charles K. Pauka

Pp 31 Printed 1989

Retail £12.00 (US\$24.00)

The Scottish Tonsillectomy Audit

by R. L. Blair, W. S. McKerrow, N. W. Carter and A. Fenton

Pp 24 Printed August 1996

Retail £12.00 (US\$24.00)

The Birmingham Bone Anchored Hearing Aid Programme 1988–1995

Departments of Otolaryngology and Audiology, University Hospital, NHS Trust, Birmingham

Pp 52 Printed December 1996

Retail £15.00 (US\$30.00)

Applications are invited for Travel Awards and Research Equipment Awards from the Section of Laryngology and Rhinology of the Royal Society of Medicine



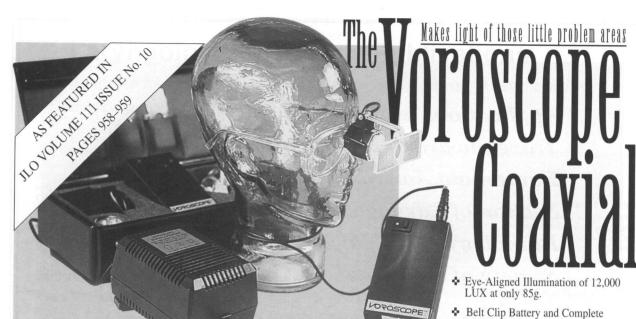
Applicants for a Travel Award should supply a current curriculum vitae and details of the centre to be visited, together with confirmation that the centre would be willing to participate. It is intended that the Travel Awards will be for short-term visits and they will not be awarded as part funding for well established Fellowships. Each award will be up to £1,000.

Applicants for the Research Equipment Awards should supply a curriculum vitae and details of the equipment required (including all costs). A brief protocol of the intended research is required. The Equipment Award will be up to £1,000.

For both Travel and Equipment Awards the selection committee will be looking for 'originality of purpose'. No retrospective awards will be given.

Please apply to:

Mr G. J. Bates, Honorary Secretary of the Section of Laryngology and Rhinology at the Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE.



GARTH JESSAMINE HEALTH CARE

Unit 5, The Courtyard, Matthewsgreen Farm, Matthewsgreen Road, Wokingham, Berkshire, RG41 1JX

- ♣ Availablility in Either Black or White.
- ♣ Ideal for use in Theatre, Clinic, Ward Consulting Room, Emergency and Domiciliary Call
- Mobility.
- Continuous Usage Capability.
- Variable Magnification of Xl .5, Xl .75 and X2.25
- Eye Strain and Fatigue Relief.
- ♣ Low Cost and Convenience.
- Prescription Lenses if Required.

