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Volume 65, Number 763

May 1989



The **Postgraduate Medical Journal** is published monthly on behalf of the Fellowship of Postgraduate Medicine by the Scientific & Medical Division, The Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS, UK.

Telephone: Basingstoke (0256) 29242  
Telex: 858493. fax (0256) 479476

**Postgraduate Medical Journal** publishes original papers on subjects of current clinical importance and welcomes review articles with extensive, up-to-date bibliographies as guides to further reading. Several symposia are published each year, each devoted to a single subject and written by specialists in different disciplines. Most issues include authoritative current surveys of clinical problems, well documented reports of cases of particular interest, and book reviews. An international Postgraduate Diary is also included each month.

The Fellowship of Postgraduate Medicine was founded by a group of London consultants after the First World War to assist postgraduates, particularly those coming to London from the Commonwealth, to pursue their studies. The Fellowship first published the **Postgraduate Medical Journal** to give information about lectures, conferences and courses and to provide a monthly review of all branches of medicine.

© 1989 The Fellowship of Postgraduate Medicine  
ISSN 0032-5473

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Subscription price per volume of twelve issues EEC £90.00; Rest of the World £105.00 or equivalent in any other currency. Orders must be accompanied by remittance. Cheques should be made payable to *Macmillan Press*, and sent to: The Macmillan Press Ltd, PO Box 500, Leicester LE99 0AA, UK. Where appropriate, subscribers may make payments into UK Post Office Giro Account No. 519 2455. Full details must accompany payments.

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**Publisher:** Alex Williamson

**Production and Editorial Services Manager:**  
Nigel McNeil-Smith

**Circulation Services:** A.L. Clark

Typeset by Elite Typesetting Techniques,  
Southampton

Printed in Great Britain by Bell and Bain Ltd,  
Glasgow

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## Conference Report

### First Asian Course in Gastroenterology and Endoscopy, December 1988, Penang

The first Asian Course in Gastroenterology and Endoscopy was held in Penang in December 1988 with international participation by Dame Sheila Sherlock (London), Brian Rowlands (Belfast), D. Carr-Locke (Leicester), C. Mallinson (London), J. Dwyer (Sydney), R. Hunt (McMaster Canada), S.K. Lam (Hong Kong) and J. Malagelada (Barcelona). It was organized by Dr Yin Thing Plee (Penang).

A session, devoted to *Campylobacter pylori*, was opened by J.R. Warren (Perth) who had first become aware of the presence of unusual curved bacteria in biopsy specimens of gastric mucosa as long ago as 1979, and eventually reported their correlation with active chronic gastritis.<sup>1</sup> These small curved or spiral bacilli are closely adherent to the surface epithelium, often numerous and usually associated with a distinctive active inflammation. The surface epithelium shows a cobblestone surface, and microcrypts (intra-epithelial surface infoldings) harbour and perhaps even protect the organisms. In the course of this decade, *Campylobacter pylori* has become increasingly associated with gastric and duodenal ulceration and chronic antral gastritis. Its presence may be completely asymptomatic or suspicion may be aroused by bad breath and burping.

S.K. Lam (Hong Kong) drew attention to two essential factors for the survival of *Campylobacter pylori*; the presence of urea and an alkaline pH. The organisms therefore congregate on gastric mucosa, where there is urea, and beneath the antrum, where the alkalinity is the best that the stomach can offer. Richard Hunt (McMaster, Canada) described studies in which volunteers who have ingested *C. pylori* develop inflammation with a reduction in acid secretion. It should be considered as a causal factor in epidemic hypochlorhydria.

*C. pylori* produces large amounts of urease, and the

presence of this enzyme in gastric mucosa usually indicates infection with the organism. This is the basis of a rapid urease test (CLOtest) to detect the organism in gastric mucosal biopsies.<sup>2,3</sup> CLOtest is a mounted gel pellet containing urea, phenol red as a pH indicator, and a bacteriostatic agent. During manufacture the gel is buffered to an acid pH, which gives it a bright yellow colour. The colour of the gel changed to pink if the pH rose above 6.0, which occurs when urea in the gel is hydrolysed to release ammonia. This indicates the presence of urease enzyme and of *C. pylori*, providing a rapid one hour diagnosis of its presence.<sup>4</sup>

Treatment aimed solely at healing ulcers leads to continuing inflammation and a high relapse rate so J.R. Warren (Perth) urges eradication of the bacteria, which leads to clearing of the inflammation and a low relapse rate of healed peptic ulcers. On the other hand, antibiotics will not heal ulcers so treatment must be a combination of antibacterial and antiulcer measures, such as cimetidine with tri-potassium dicitrate bismuthate and amoxycillin. Tinadazole has also been used successfully but the organism soon becomes resistant so tinidazole is ineffective in the treatment of relapses. Gastric mucosal concentrations following oral administration of various antibiotics show high concentrations attained by amoxycillin, pivampicillin, ciprofloxacin and erythromycin, but ciprofloxacin and erythromycin are ineffective *in vivo*.<sup>5</sup> Newer, more promising macrolides with better antibacterial activity and greater acid stability may prove helpful when used in conjunction with inhibitors of gastric acid secretion.<sup>6</sup>

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#### References

1. Warren, J.R. Unidentified curved bacilli on gastric epithelium in active chronic gastritis. *Lancet* 1983, **i**: 1273.
2. Marshall, B.J., Warren, J.R., Francis, G.J. *et al.* Rapid urease test in the management of *Campylobacter pyloridis*-associated gastritis. *Am J Gastroenterol* 1987, **82**: 200.
3. Szeto, M.-L., Pounder, R.E., Hamilton-Dutoit, S.J. & Dhillon, A.P. Rapid urease test provides specific identification of *Campylobacter pylori* in antral mucosal biopsies. *Postgrad Med J* 1988, **64**: 935-936.
4. Morris, A., McIntyre, D., Rose, T. & Nicholson, G. Rapid diagnosis of *Campylobacter pyloridis* infection. *Lancet* 1986, **i**: 149.
5. McNulty, C.A.M., Dent, J.C., Ford, G.A. & Wilkinson, S.P. Inhibitory antimicrobial concentrations against *Campylobacter pylori* in gastric mucosa. *J Antimicrob Chemother* 1988, **22**: 729.
6. Hardy, D.J., Hanson, C.W., Hensey, D.M. *et al.* Susceptibility of *Campylobacter pylori* to macrolides and fluoroquinolones. *J Antimicrob Chemother* 1988, **22**: 631.

tion. This is followed by two specific chapters dealing comprehensively with the various immunological and functional assays, giving methodological details, available to quantitate protein C and S levels. Finally, there are several more clinical chapters dealing with hereditary deficiency and acquired abnormalities of these proteins. Dr Bertina has selected an international group of well-known authors, including several from the Netherlands where an awareness of thrombotic disorders and provision of diagnostic and therapeutic services is much more advanced than in the United Kingdom. This text gives an updated review of the importance of these proteins and should be essential reading

for any physician, haematologist or scientist involved in thrombosis as either a routine or research commitment. As the third volume in a series dealing with contemporary issues in haemostasis and thrombosis this book will help to establish the valuable role these publications have already achieved. I am already on the look out for future titles to be published.

Samuel J. Machin  
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## Books Received

**Directory of Vocational Training Schemes for General Practice**, edited by R. Hawkins. Pp. 101. Hawker Publications, London, 1988. £5.95.

**Medicine for the Practising Physician**. Second Edition, J. Willis Hurst. Pp. xxxiv + 1857. Butterworths, Boston, London, Singapore, Sydney, Toronto, Wellington, 1988. £65.00.

**Molecular Basis of Inherited Disease**, K.E. Davies & A.P. Read. Pp. x + 77, illustrated. IRL press, Oxford, Washington DC, 1988. £5.95 UK; \$11.95 US.

**Multiple Sclerosis**, William A. Sibley. Pp. x + 198. Macmillan Press, Basingstoke, Hampshire, 1988. £7.95.

**Paediatric Audiology: 0-5 Years**, edited by Barry McCormick. Pp. 354, illustrated. Taylor & Francis, London, New York, Philadelphia, 1988. £36.00 cloth; £16.00 paper.

**Reviews on Immunoassay Technology**, Volume 1 and Volume 2, edited by S.B. Pal. Pp. Volume 1 ix + 238, Volume 2 viii + 204. Macmillan Press, Basingstoke, Hampshire, 1988. £40.00 each.

## Postgraduate Diary

### **Institute of Cancer Research**

Regular programme of seminars and teaching sessions throughout the year.

*Information: The Dean, Institute of Cancer Research, Haddow Laboratories, 15 Cotswold Road, Belmont, Surrey SM2 5NG, UK.*

### **National Heart and Lung Institute**

Courses leading to award of University Diplomas in Cardiology and Thoracic Medicine. Short Courses, meetings and symposia are held throughout the year.

*Postgraduate Office, National Heart and Lung Institute, Dovehouse Street, London SW3 6LY. Tel: 01-351 8172.*

### **Institute of Child Health**

Short courses booklet available.

*For further details please apply to: Anne Crowley, Short Courses Office (Room 6), Institute of Child Health, 30 Guilford Street, London WC1N 1EH. Tel: 01-829 8692 (direct).*

### **Institute of Dental Surgery**

Courses for M.Sc. in various aspects of dentistry, Diploma in Dental Public Health, basic medical sciences, etc.

*Information: The Dean, Institute of Dental Surgery, Eastman Dental Hospital, Gray's Inn Road, London WC1X 8LD, UK.*

### **Hunterian Institute**

Long and short courses in basic medical sciences for primary FRCS (including revision courses in Anatomy/Physiology/Pathology), Primary FDS, FFA part 2 held through the year.

Courses in Clinical Surgery for final FRCS held in Spring and Autumn. Anastomosis Workshop; AO course of fracture treatment.

*Details and applications: The Hunterian Institute, Royal College of Surgeons, Lincoln's Inn Fields, London WC2A 3PN. Tel: 01-405 3474.*

### **Institute of Laryngology and Otolaryngology**

Pre-FRCS and DLO exam courses. Advanced courses on: Temporal bone surgery – November and June. Anaesthesia for ENT – October. Rhinology and Surgery of the Nasal Cavity and Paranasal Sinuses – October. Nasal Plastic and Facial Soft Tissue Surgery – February. Pathology of the Ear, Nose and Throat – June.

*Applications and enquiries: Cheryl Overington, Secretary to the Dean, Institute of Laryngology and Otolaryngology, 330/332 Gray's Inn Road, London WC1X 8EE.*

### **Institute of Neurology**

Sandoz Foundation advanced lectures on clinical and experimental neurology. Each Wednesday evening throughout academic year.

*Details: Institute Registrar, National Hospital, Queen Square, London WC1N 3BG, UK.*

### **RPMS Institute of Obstetrics and Gynaecology**

Teach-in 'How to get your message across (lecturing and writing papers). Wednesday 24 May 1989.

Expanding the frontiers of neonatal care. Symposium, Friday 30 June 1989

'Theoretical and practical course on Doppler blood flow measurement in pregnancy' 13 and 14 July 1989 at Queen Charlotte's and Chelsea Hospital.

*Details of symposia and courses from: Symposium Secretary, RPMS Institute of Obstetrics and Gynaecology, Queen Charlotte's Hospital for Women, Goldhawk Road, London W6 0XG, UK.*

### **Institute of Ophthalmology**

Regular courses in ophthalmology held throughout the year. 17/25 Cayton Street, London EC1 9AT, UK.

### **Institute of Orthopaedics**

Radiodiagnosis demonstrations – Mondays at 5 p.m. during the academic year.

Lecture courses – Wednesdays at 6 p.m. during the academic year. Inflammatory joint disease – May – July 1989.

Management of spinal metastases – Mr T.R. Morley. Contemporary management of spondylolisthesis – Mr J.K. Webb.

Course on Radiology of Bones and Joints – 17–19 May 1989. Course on Radiology of Bones and Joints – 15–17 November 1989

*Details: Miss A.M. Lucas, Postgraduate Secretary, Institute of Orthopaedics, The Middlesex Hospital, London W1. Tel: 01-380 9418.*

### **Institute of Psychiatry**

One day conference 'Counselling in General Practice' 11 May 1989.

The ethical implications of the new genetics for psychiatry 7 June 1989.

Alzheimer 125: dementia of the Alzheimer type (DAT) and other related psychiatric and neurological disorders 19–21 July 1989

Programme of courses and lectures.

*Details: Nadine Morgan, Conference Office, Institute of Psychiatry, De Crespigny Park, London SE4 8AG. Tel: 01-703 5411 ext 3170.*

### **Institute of Urology**

Short courses on aspects of urology and nephrology – throughout the year.

One year Diploma courses in urology and nephrology commencing September each year.

Advanced stone management course – held twice yearly.

*Applications and enquiries: The Dean, Institute of Urology, 172–176 Shaftesbury Avenue, London WC2H 8JE, UK.*

### **Royal Postgraduate Medical School**

Regular courses on advanced topics.

*School Office, Royal Postgraduate Medical School, Hammersmith Hospital, Du Cane Road, London W12 0HS, UK.*

### **Bloomsbury Intensive Medical Course**

University College and Middlesex Hospitals.

Every Tuesday morning from 4 April to 20 June 1989. Speakers include national and international experts on intensive care. Course designed for junior medical staff of any speciality.

*Details: Intensive Care Course Secretary, Room 107, 1st Floor, The Rayne Institute, University Street, London WC1E 6JJ.*

**XIVth International Update on Liver Disease**

Royal Free Hospital, 13–15 July 1989.

*Details: Professor Neil McIntyre, Academic Department of Medicine, Royal Free Hospital, Pond Street, London NW3 2QG.*

**Advanced Medicine Course**

At The Royal South Hants Hospital, Southampton 18th – 22nd May 1989.

This Course, designed for Consultants and Senior Registrars, will discuss recent developments in: Renal Medicine, Rheumatic and Connective Tissue Diseases, Respiratory Medicine, Neurology, Gastroenterology, Dermatology, Cardiology, Diabetes and Endocrinology, Therapeutics.

*Information and application forms from: The Secretary, Postgraduate Medical Centre, Royal South Hants Hospital, Southampton. Tel: (0703) 634288, Ext. 2493*

**University of Manchester**

M.A. in Health Care Ethics.

*Details: Mrs S. Ibbotson, Department of Education, University of Manchester, Oxford Road, Manchester M13 9PL, UK.*

**International Union Against Cancer**

*Details of fellowship programmes from: 3 rue du Conseil-Général, 1205 Geneva, Switzerland.*

**Liverpool, Newsham General Hospital**

Lunchtime meetings twice monthly.

*Secretary, Postgraduate Centre, Belmont Road, Liverpool L6 4AF, UK.*

**London School of Hygiene and Tropical Medicine**

MSc, diploma and research degree courses in public health and tropical medicine.

*Enquiries: The Registrar, LSHTM, Keppel Street, London WC1E 7HT.*

**Forum on Clinical Pharmacology and Therapeutics**

6 October 1989 The anxiolytic jungle: what drug for whom?

*Details: Miss Barbara Komoniewska, Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE. Tel: 01-408 2119 ext 301.*

**Loughborough University**

Occupational health management, 22–26 May 1989.

*Brochure of short courses run by University Training Group available from: Loughborough University of Technology, University Training Group, Centre for Extension Studies, Loughborough, Leicestershire LE11 3TU, UK.*

**Oxford University and Regional Postgraduate Medical Education**

Radiobiology and allied sciences. Course for FRCR Part 1 candidates, 3–14 July 1989.

*Details: Regional Postgraduate Office, John Radcliffe Hospital, Headington, Oxford OX3 9DU.*

**Clinical Dermatology in the Year 2000**

22–25 May 1990.

*Details: Scientific Secretariat, Professor Malcolm Greaves, Institute of Dermatology, St Thomas' Hospital, London SE1 7EH.*

**Centre for Social Ethics and Policy**

University of Manchester.

Human molecular genetics: Professor Sir David Weatherall, 5.30 p.m.

*Details of this and other lectures: Centre for Social Ethics and Policy, The University of Manchester M13 9PL.*

**The Royal Institute of Public Health and Hygiene**

Series of two day modular courses on Health Care Evaluation.

1. Elderly (11–12 May 1989)
2. Children (25–26 May)
3. Mentally ill (1–2 June)
4. Mentally handicapped (15–16 June)
5. Acute medical services (29–30 June)
6. Community care services (13–14 July).

*Details: Ms N. Adamides, RIPHH, 28 Portland Place, London W1N 4DE. Tel: 01-580 2731.*

**Pain 1989**

International Symposia. Herzliyam Israel, 16–19 September 1989. Sessions on chronic pain, neurological and psychiatric aspects of pain, mechanisms of analgesia.

*Details: Secretariat, PAIN 1989, POB 50006, Tel Aviv 61500, Israel.*

**International Conference on Gallstones and their Management**

Jerusalem, 25–28 February 1990.

*Details: Gallstone Conference, Vered Congress, 15 Weizman Street, Nes Ziona 70400, Israel.*

**15th International Cancer Congress**

Hamburg, FRG, 16–22 August 1990.

*Details: c/o Hamburg Messe und Congress GmbH, P.O. Box 30 24 80. D-2000 Hamburg 36 FRG.*

**Alaska 89 – Cruise the Inland Passage**

8–15 July 1989. Professor L. Bassett, Department of Radiological Sciences, University of California. Programme of lectures, seminars and case discussion.

*Information: ALASKA 89, c/o Medical Seminars International Inc, 9800 D Topanga Canyon Blvd, Suite 232, Chatsworth Ca 91311, USA.*

**Anglo French Medical Society**

Annual Scientific Meetings alternating between Britain and France. 1989 – Toulouse (theme, aviation medicine). Also week-long medical language courses in France.

*Information: Secretary, Anglo French Medical Society, The Moat House, Lymm Hall, Lymm, Cheshire WA13 0AJ.*

**4th South-East European Symposium of Paediatric Surgery**

'Normal and Disturbed Oesophageal Function in Childhood'. 7–9 September 1989, Graz, Austria.

*Details: Professor Dr M. Hollwarth, Department of Paediatric Surgery, University of Graz, Heinrichstrasse 31, A-8010, Graz, Austria.*

**First European CPR-Congress**

November 3 and 4, 1989. Switell, Antwerp.

*Information and applications: European CPR-Congress, Belgian Red Cross, Vleurgatsesteenweg 98, 1050 Brussels.*

**2nd European Congress of Endocrinology**

Ljubljana, Yugoslavia, 1–6 July 1990.

*Information: Secretariat, Kompas Jugoslavia, Congress Department, Prazakova 4, 61000 Ljubljana, Yugoslavia.*

**European Medical Research Group**

The European Medical Research Group has been formed by Young AEMIE (European Association of Internal Medicine) with the advice and support of the Fellowship of Postgraduate Medicine to provide a forum for professional and social contact among physicians in training, particularly those from continental Europe. The first European centre in which meetings of the Group were held was London and meetings are now being held in other major European centres.

Regular meetings are being held at which abstracts accepted

by the Editorial panel are presented as posters. Successful abstracts are published in the *Postgraduate Medical Journal*. The second part of each meeting is an invited lecture reviewing recent advances in medical research and practice. Refreshments are provided in the form of tea and coffee, with a buffet supper at the close of the meeting.

The next meeting will be held on 6 June 1989 when the invited lecture will be given by Professor A.M. McGregor, Department of Medicine, King's College Hospital Medical School, London, on 'Autoimmunity and the thyroid'.

Anyone interested in joining the Group, or presenting posters, should contact: Dr D.R.J. Singer, European Medical Research Group, c/o Fellowship of Postgraduate Medicine, 6 St Andrew's Place, London NW1 4LB Tel. 01 935 5556 (Fax 01 224 3219).

#### **National Association of Clinical Tutors**

The Summer Meeting of the National Association of Clinical Tutors will be held at Shrewsbury (Prince Rupert Hotel) on Friday 5th May 1989.

The Winter Meeting will be held in London at the Zoological Society, Regent's Park, London NW1 on Friday 1st December 1989.

The dates for meetings of Council of the Association are as follows:

Wednesday 19 July 1989

Thursday 12 October 1989

There will be further 'Nuts and Bolts' and Careers Counselling meetings later in the year.

*Details of all meetings can be obtained from: Secretariat, National Association of Clinical Tutors, 6 St Andrew's Place, London NW1 4LB Tel. 01 935 5556 (Fax. 01 224 3219).*

Full details of the courses, meetings and symposia listed above, and of others of interest to medical postgraduates, can be obtained from the individual organisations.

## **FELLOWSHIP OF POSTGRADUATE MEDICINE**

### **Grants for research**

The Fellowship of Postgraduate Medicine is offering grants for travel, or towards the cost of equipment, for young graduates entering careers in clinical research. Successful applicants will be expected to submit reports of their research for publication in the *Postgraduate Medical Journal*.

Further information may be obtained from Mrs J.M. Coops, Fellowship of Postgraduate Medicine, 6 St Andrew's Place, London NW1 4LB (Tel. 01-935 5556), to whom applications should be made, giving a concise summary of the research project, the sum requested and a curriculum vitae of the applicant.

## Notice to Contributors

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**The principal author** must ensure that any co-authors listed agree to submission of the typescript. Any written or illustrative material which has been or will be published elsewhere must be duly acknowledged and accompanied by the written consent of the authors and publishers concerned.

**Arrangement** Papers should be divided into; (a) Title page, (b) Summary, (c) Introduction, (d) Materials and methods, (e) Results, (f) Discussion, (g) Acknowledgements, (h) References, (i) Tables, (j) Figures and captions. The summary should not exceed 250 words and should state concisely what was done, the main findings and how the work was interpreted. In all sections of the paper numbered paragraphs should be avoided if at all possible.

**Style** Abbreviations and symbols must be standard and SI units used throughout. Acronyms should be used sparingly and must be fully explained when first used. Whenever possible drugs should be given their approved generic name. Where a proprietary (brand) name must be used, it should begin with a capital letter. Statistical analyses must explain the methods used. The use of footnotes is not permitted. Single quotation marks should be used and words to be italicized should be underlined. The *Concise Oxford English Dictionary* is used as a reference for all spelling and hyphenation.

**References** should follow the Vancouver format. In the text, they should appear as numbers starting at 1. At the end of the paper they should be listed (double-spaced) in numerical order corresponding to the order of citation in the text. All authors should be quoted for papers with up to six authors; for papers with more than six authors, the first three only should be quoted followed by *et al.* Abbreviations for titles of medical periodicals should conform to those used in the latest

edition of *Index Medicus*. The first and last page numbers for each reference should be provided. Abstracts and letters must be identified as such.

1. Clements, R. & Gravelle, I.H. Radiological appearances of hydatid disease in Wales. *Postgrad Med J* 1986, **62**: 167–173.
2. Greenberger, J.S. Long-term hematopoietic cultures. In: Golde, W. (ed) *Hematopoiesis*. Churchill-Livingstone, New York, 1984, pp 203–242.

**Figures** In the text Arabic numbers should be used and all illustrations should be specifically referred to in the text, e.g. (Figure 2). All illustrations should be submitted at about 1½ times the intended final size and should be numbered as figures whether they are photographs, representational drawings or line diagrams and graphs.

**Photographs and photomicrographs** should be unmounted glossy prints and should not be retouched, and should be chosen to exclude technical artefacts. Magnification is best indicated by a line representing a defined length included within the photographs. Areas of key interest and/or critical reproduction should be indicated on a flimsy overlay attached to the photograph or on a photocopy. All annotations and lettering should be indicated in the same way, and preferably not included on the original print. Clearly contrasted and focused prints are essential for adequate reproduction.

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**Offprints** Twenty-five offprints will be supplied free of charge to the principal author. Additional offprints may be ordered on the form accompanying proofs. The charges are necessarily higher if orders are received after the issue has gone to press.

**Drug side effects** Manuscripts reporting adverse drug reactions should be accompanied by evidence showing that the reaction has been reported on a 'yellow card' or to the appropriate drug licensing authority, and to the drug manufacturer.