FORTHCOMING MEETINGS AND COURSES

Announcements for this section should be submitted in the correct format, at least 3 months before the required date of publication. This list is provided as a service to readers; inclusion does not imply endorsement by the Journal.

European Society of Paediatric Neurosurgery: 25th Congress
May 31–June 2, 1992 – Berlin
Professor Mario Brock, Congress President, Department of Neurosurgery, Free University of Berlin, Hindenburgdamm 30, W-1000 Berlin 45, Germany

Course on Musculoskeletal Pathology
June 1–6, 1992 – Bologna
Mrs. A. Pasquali/Mrs. M. Zanasi/Mrs. A. Casari, Laboratorio di Ricerca Oncologica, Istituto Ortopedici Rizzoli, via di Barbiano 1/10, Bologna, Italy

5th International Symposium on Spinal Cord Monitoring
June 2–5, 1992 – London
Conference Associates and Services Ltd ISSCM, Congress House, 55 New Cavendish Street, London W1M 7RE, England

Digital Imaging Processing Applied to Orthopaedic and Dental Implants
June 8–13, 1992 – Portugal
M. Barbosa, Department of Metallurgy, Faculty of Engineering, University of Porto, Rua dos Bragas, 4099 Porto Codex, Portugal

Spinal Disorders for the General Orthopaedic Surgeon
June 10–12, 1992 – Bristol
Mrs A. Richards, Department of Orthopaedic Surgery, Bristol Royal Infirmary, Bristol BS2 8HW, England

Orthopaedic Associations of the English Speaking World: 9th Combined Meeting
June 21–26, 1992 – Toronto
Dr J. Kostuijk, Organizing Chairman, 9th Combined Meeting Orthopaedic Associations of the English Speaking World, Suite 350, 55 York Street, Toronto, Ontario, Canada M5J 1R7

Egyptian Orthopaedic Association: Spring Congress
June 22–26, 1992 – Hurghada, Egypt
Professor Dr Sami El-Bayoumi, 94 Ahmed Orabi Street, Mohandeseen, Cairo, Egypt

International Course on the Methods of Ilizarov
June 25–26, 1992 – Antwerp
Dr Jan Van Melkebeek, O.-L.-V. Middelares Hospital, Florent Pauwelslei 1, B-2100 Deurne, Belgium

Arthroscopic Surgery of the Shoulder: 9th Annual Meeting
June 25–27, 1992 – La Jolla
James C. Esch, MD, 3905 Waring Road, Oceanside, CA 92056, USA

Cervical Spine Research Society: 3rd Common Meeting
June 25–28, 1992 – Athens
Scientific Committee, 3rd Common Meeting of CSRS, c/o Professor D. S. Korres, 10 Heyden Street, 104 34 Athens, Greece

International Symposium on Three-dimensional Scoliotic Deformities and the 7th International Symposium on Spinal Deformity and Surface Topography
June 27–30, 1992 – Montreal
Dr. Jean Dansereau, PhD, Biomedical Engineering Institute, Ecole Polytechnique, PO Box 6079, Station 'A', Montreal, Quebec, Canada H3C 3A7

Low Back Pain: International Meeting
June 27–July 1, 1992 – Aalborg, Denmark
Low Back Pain Meeting, Aalborg Kongresbureau, Østereå 8, DK 9000 Aalborg, Denmark

Intensive Course on Fracture Treatment

Challenges in Fracture Surgery
July 2–3, 1992 – London

Postgraduate Course in Orthopaedics
July 13–17, 1992 – Singapore
The Education Secretary, Department of Orthopaedic Surgery, National University Hospital, Lower Kent Ridge Road, Singapore 0511, Republic of Singapore

Society for Research into Hydrocephalus and Spina Bifida: 36th Annual Meeting
July 15–18, 1992 – Mainz
Dr. R. Bayston, Hon Secretary, Institute of Child Health, 30 Guildford Street, London WC1N 1EH, England

External Fixation in Trauma and Orthopaedics

International Arthroscopy Congress: Spanish Arthroscopy Association and the International Arthroscopy Association
July 19–24, 1992 – Barcelona
Dr. Ramon Cugat, C.H.A.T., Paseo de Gracia, 11, 08007-Barcelona, Spain

Japanese Orthopaedic Association Musculoskeletal Tumor Society: 25th Annual Meeting
July 17–18, 1992 – Matsuyama City, Japan
Dr T. Shibata, Chairman, Department of Orthopaedic Surgery, Ehime University, School of Medicine, Shigenobu-cho, Onsen-gun, Ehime, 791-02, Japan
EDINBURGH INTERNATIONAL TRAUMA SYMPOSIUM
August 26–28, 1992 – Edinburgh
Miss E. D. Lindsay, Princess Margaret Rose Orthopaedic Hospital, Fairmilehead, Edinburgh EH10 7ED, Scotland

HUNGARIAN ORTHOPAEDIC ASSOCIATION: 10th Congress
August 26–29, 1992 – Budapest
Professor T. Vizkelety, Ortopédiai Klinika, H-1113, Budapest, Karolina út 27, Hungary

POSTGRADUATE COURSE IN PEDIATRIC ORTHOPAEDICS
August 31–4 September, 1992 – Vorau, Austria
Dr W. Linhart, Department of Paediatric Surgery, University of Graz, Heinrichstrasse 31, A-8010, Graz, Austria

EUROPEAN SPINE SOCIETY: 3rd Annual Meeting
September 3–5, 1992 – Cambridge
Mrs L. Cossins, ESS (Cambridge) Secretariat, c/o Pain Relief Foundation, Rice Lane, Liverpool L9 1AE, England

BRITISH ORTHOPAEDIC RESEARCH SOCIETY: Autumn Meeting
(Abstracts by May 31, 1992)
September 8, 1992 – London
Dr D. Marsh, Clinical Sciences Building, Hope Hospital, Eccles Old Road, Salford M6 8HD, England

BRITISH ORTHOPAEDIC ASSOCIATION: Autumn Scientific Meeting
British Orthopaedic Association, 35-43 Lincoln’s Inn Fields, London WC2A 3PN, England

6th TORONTO PELVIC AND ACETABULAR FRACTURE MANAGEMENT COURSE
September 12–15, 1992 – Toronto
Dr Marvin Tile, Room A333, 2075 Bayview Avenue, Toronto, Ontario, Canada M4N 3M5

BASIC AO COURSE IN FRACTURE FIXATION
September 15–18, 1992 – Nottingham
Mr C. L. Colton, Orthopaedic Department, University Hospital, Nottingham NG7 2UH, England

ORTHOPAEDIC FRENCH SPEAKING ASSOCIATION (A.O.L.F.): Third Congress
September 15–19, 1992 – Quebec
L'Association d'Orthopédie du Quebec, Congrès AOLF, 2 complexe Desjardins, CP 216, Montreal, Quebec, Canada H5B 1G8

BASIC PRINCIPLES OF FRACTURE HEALING AND MANAGEMENT: ONE DAY INSTRUCTIONAL COURSE
September 23, 1992 – Brussels
Mrs M. Donkerwolcke, Service d’Orthopédie Traumatologie, Cliniques Universitaires de Bruxelles, Hôpital Erasme, 808 Route de Lennik, 1070, Brussels, Belgium

INTERNATIONAL SOCIETY FOR FRACTURE REPAIR: Third Conference
September 24–26, 1992 – Brussels
Mrs M. Donkerwolcke, Service D’Orthopédie Traumatologie, Cliniques Universitaires de Bruxelles, Hôpital Erasme, 808 Route de Lennik, 1070, Brussels, Belgium

EUROPEAN ORTHOPAEDIC RESEARCH ASSOCIATION: 2nd Conference
September 27–30, 1992 – Varese, Italy
Professor Ugo E. Pazzaglia, Clinica Ortopedica, 2 Facoltà di Medicina e Chirurgia dell’Università di Pavia, Ospedale ‘F. Del Ponte’, Via F. del Ponte, 19, I-21100 Varese, Italy

MEDICAL EDUCATION AND TRAINING IN EUROPE
October 1–2, 1992 – London
Dr M. W. N. Nicholls, Chairman - Organizing Committee, Fellowship of Postgraduate Medicine, 6 St Andrew’s Place, London NW1 4LB, England

ISSCP – FIFTH ANNUAL INTERNATIONAL SYMPOSIUM ON CUSTOM PROSTHESSES
October 1–3, 1992 – Windsor, UK
Jessie Smart, Department of Biomedical Engineering, Institute of Orthopaedics, Royal National Orthopaedic Hospital Trust, Stanmore, Middlesex HA7 4LP, England

THE NOTTINGHAM KNEE MEETING
October 9–10, 1992 – Nottingham
Mrs Doreen Beesley, The Course Secretary, Harlow Wood Orthopaedic Hospital, Nr. Mansfield, Nottinghamshire NG18 4TH, England

11th CONGRESS OF SPORTS MEDICINE OF THE A.Z. ST.-JAN
October 16–17, 1992 – Brugge
Sekretariaat Sportgeneeskundige Dagen, A.Z. Sint-Jan, Rudsershove 10 - B-8000 Brugge, Belgium

COURSE ON RADICULAR BONES AND JOINTS
November 4–6, 1992 – London
Ms Ann Lucas, Postgraduate Secretary, Institute of Orthopaedics, The Middlesex Hospital, Mortimer Street, London W1N 8AA, England

SOCIETY FOR BACK PAIN RESEARCH: ANNUAL GENERAL MEETING
November 6, 1992 – London
Mrs J. Reynolds, Society for Back Pain Research, 309 Bawtry Road, Bessacarr, Doncaster DN4 7PA, England

BRITISH CERVICAL SPINE SOCIETY MEETING
(Abstracts by September 25th, 1992)
November 6–7, 1992 – Cumbria
Mr C. Davis, Consultant Neurosurgeon, Royal Preston Hospital, Shaw Green Lane, Preston PR2 4HT, England

SATELLITE SYMPOSIUM TO THE 6TH CONGRESS OF THE INTERNATIONAL CHILD NEUROLOGY ASSOCIATION ON ‘STATE OF THE ART IN NEURO ORTHOPEDICS’
November 6–8, 1992 – Buenos Aires
Dr Gregorio Arendar, Pje. Florencio Balcarce 46, 3rd floor, 1045 – Buenos Aires, Argentina

CONFERENCE ON TEXTILES IN MEDICINE AND SURGERY II
November 10–11, 1992 – Manchester
Further details from CET office: (UK) 061 200 3995

ORTHOCON ’92: 3rd Kovai International Conference on Orthopedics and Trauma
November 13–15, 1992 – Coimbatore, India
V. Ramesh, Congress Secretariat, ORTHOCON ’92, Kovai Medical Center, Coimbatore, 641014, India

ADVANCES IN PRACTICAL ARTHROSCOPIC SURGERY: ONE DAY COURSE
November 14, 1992 – Droitwich (Worcs), UK
Mrs S. Warren, Droitwich Knee Clinic, St Andrews Road, Droitwich, Worcs WR9 8EA, UK

PRACTICAL ARTHROSCOPIC SURGERY: ONE DAY COURSE
November 15, 1992 – Droitwich (Worcs), UK
Mrs S. Warren, Droitwich Knee Clinic, St Andrews Road, Droitwich, Worcs WR9 8EA, UK
Hong Kong Orthopaedic Association: 12th Annual Congress
November 14–15, 1992 – Hong Kong
Dr P. Y. Lau, Consultant Orthopaedic Surgeon, United Christian Hospital, 130 Hip Wo Street, Kowloon, Hong Kong

British Orthopaedic Foot Surgery Society
(Abstracts by August 31st, 1992)
November 19–20, 1992 – Stanmore, UK
Professor L. Kline riverman, University Department of Orthopaedics, Royal Liverpool Hospital, Liverpool L69 3BX, UK

The Torn Anterior Cruciate Ligament and Related Problems
November 19–20, 1992 – Windsor, UK
Mr R. L. Allum, Consultant Orthopaedic Surgeon, Heatherwood Hospital, London Road, Ascot, Berkshire SL5 8AA, England

Pakistan Orthopaedic Association: 7th National Meeting
November 21–22, 1992 – Lahore
Professor Naseer Mahmood Akhtar, ORTH-CON-92, Conference Secretariat, PO Box 760, Lahore, Pakistan

Biomedical Engineering: 7th International Conference
December 2–4, 1992 – Singapore
The Secretary, 7th IMECE, 1992, Department of Orthopaedic Surgery, National University Hospital, 5 Lower Kent Ridge Road, Singapore 0511, Republic of Singapore

American Academy of Neurological and Orthopaedic Surgery: 16th Annual Convention
December 8–13, 1992 – Las Vegas
Dr Michael R. Rask, 2320 Rancho Drive, Suite 108, Las Vegas, Nevada 89102-4592, USA

Current Concepts in Joint Replacement
December 17–19, 1992 – Orlando
Dr A. Seth Greenwald, Mt Sinai Medical Center, Department of Orthopaedic Research, One Mt Sinai Drive, Cleveland, Ohio 44106, USA1993

Management of Patients with Low Back Pain: International Symposium
March 11–13, 1993 – Münster, Germany
Dr W. H. M. Castro, Orthopaedic Department, University of Münster, Albert-Schweitzer-Strasse 33, D-4400 Münster, Germany

Japanese Orthopaedic Association: 66th Annual Meeting
(Abstracts by September 10th, 1992)
April 9–11, 1993 – Kobe City
Dr K. Ono, President, Department of Orthopaedic Surgery, Osaka University Medical School, Fukushima 1-1-50, Fukushima-ku, Osaka 553, Japan

First European Congress of Orthopaedic Surgery
April 21–24, 1993 – Paris
Convergences, 120 avenue Gambetta, 95020 Paris, France

Third British Course on Revision Surgery
June 3–5, 1993 – Stratford upon Avon
Third British Course on Revision Surgery, 69 Barton Road, Cambridge CB3 9LG, UK

European Society for Surgery of the Shoulder and the Elbow: 7th Congress
June 10–12, 1993 – Aarhus
Secretariat, Orthopaedic Hospital, Randersvej 1, DK-8200 Aarhus N., Denmark

SICOT Pre-Congress 1993 and the 15th Meeting of the Thai Orthopaedic Association
August 24–26, 1993 – Bangkok
Secretariat Office: Chusakdi Suwansirikul, MD, The Thai Orthopaedic Association, 94/2 Supavadee Tower, 100, Soi Mitanant, Nakornchaisri Road, Dusit, Bangkok 10300, Thailand

British Orthopaedic Association: Autumn Scientific Meeting
September 13–15, 1993 – Torquay
British Orthopaedic Association, 35-43 Lincoln’s Inn Fields, London WC2A 3PN, England

American Academy of Neurological and Orthopaedic Surgery: 17th Annual Convention
December 7–12, 1993 – Las Vegas
Dr Michael R. Rask, 2320 Rancho Drive, Suite 108, Las Vegas, Nevada 89102-4592, USA

Current Concepts in Joint Replacement
December 16–18, 1993 – Orlando
Dr A. Seth Greenwald, Mt Sinai Medical Center, Department of Orthopaedic Research, One Mt Sinai Drive, Cleveland, Ohio 44106, USA1994

British, Dutch and Scandanavian Orthopaedic Associations: Combined Meeting
April 13–14, 1994 – London
British Orthopaedic Association, 35-43 Lincoln’s Inn Fields, London WC2A 3PN, England

Detailed advertisements for other meetings and courses, and for senior posts in orthopaedics, will be found in the next section of the Journal.
1st EUROPEAN CONGRESS OF ORTHOPAEDICS

Combined Meeting of the Societies of
ORTHOPAEDIC AND TRAUMATOLOGIC SURGERY

PARIS
Palais des Congrès
April 21 - 23
1993

For any further information, please contact the Congress Office:

CONVERGENCES - CECO '93
120, avenue Gambetta
75020 PARIS (France)
Fax: (33-1) 40 31 01 65
The purpose of this work is to update the surgical management of musculo-skeletal surgery by involving experts from both sides of the Atlantic in order to make it a truly international publication.

This only international Atlas of orthopaedic surgery in English literature is a "How to" book: while other publications have described musculo-skeletal pathology and have stressed surgical indications, this Atlas describes how the operation is performed.

The editors intend the Atlas to be a mostly visual reference book. All currently performed operations are described and drawn in detail. The 3 500 drawings — each with a detailed legend — represent a step-by-step description of the operative procedures on the adult musculo-skeletal system that should serve as an easy and quick reference for the surgeon and his entourage.

Volume 1: General Principles. Spine
1989. 560 pages, 1187 illustrations (21 x 27"

Contents: General Principles - Soft tissue surgery - Surgery of the skeleton - Surgical management of infection - Amputations - Surgery of bone tumors - Spine: Surgical exposures and procedures - Surgical diseases - Subject index.

Volume 2: Upper Extremity
1990. 456 pages, 629 illustrations (21 x 27"

Contents: The shoulder - The upper arm - The elbow - The forearm - Surgery of the wrist - The hand - Annex: Spine: Recent surgical procedures - Subject index.

Volume 3: Lower Extremity
1992. 768 pages, 1 500 illustrations (21 x 27"

Contents: Surgery of the pelvis - Surgery of the hip - Surgery of the femur - Surgery of the knee - Surgery of the leg - Surgery of the ankle and foot - Leg length inequalities - Subject index.

SPECIAL INTRODUCTORY OFFER FOR VOLUME 3: 356 $ instead of 445 $
SPECIAL OFFER FOR PURCHASE OF ALL 3 VOLUMES: 693 $ instead of 815 $
VALID UNTIL MAY 31, 1992
The Most Common Fractures.
The Most Accurate Alignment.

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Accurate alignment is critical in fixation of femoral neck fractures. The superior strength of the Zimmer MAGNA-Fx Cannulated Screw Fixation System permits the use of a 3.2 mm guide pin which promotes accuracy of screw placement. The added strength of the MAGNA-Fx Screws allows for self-reaming and self-tapping threads in both 16 mm and 32 mm thread lengths. This gives the surgeon more options, saves OR time, and reduces patient trauma.

The MAGNA-Fx Screw System offers maximum surgical latitude with a wide range of sizes, concise instrumentation and sterile packaging.

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Announcing Orthocon '92
13th-15th November, Coimbatore India

3rd Kovai International Conference on Orthopaedics and Trauma

The rapid progress in Orthopaedics and Trauma needs the complete exchange of opinions and ideas. Orthocon '92 offers the opportunity to promote this exchange in a truly International setting. The wide scientific programme will cover:

- Major trauma topics
- Latest techniques in arthroplasty
- Bone grafting

The Conference has:

- A Faculty of internationally renowned specialists
- Operating room demonstrations of technique
- Hands on workshop sessions

To receive more information and a registration pack either send the coupon below or fax your request with your name, title and address to: T. Barlow, Orthocon '92 Fax (44) 784 4660374

I would like to receive more information on Orthocon '92

Name: (Please Print) ___________________________
Title: ___________________________
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Return to Congress Secretariat, PO Box 120, Staines, Middx, England.

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THE Swann-Major RANGE

From Swann-Morton, of course...

The sturdy, secure-fitting, strong-handed Swann Major range of blades combines two vital advantages — the stability of a solid scalpel with the sharpness and economy of detachable blades.

The two handle types, standard and long, take all eight orthopaedic and general surgery blades, as well as the latest Swann-Morton stainless steel blade for cervical biopsy.
Some pre-op x-rays tell you exactly what to expect.

Unfortunately, many don’t.
GENESIS RESULT:
Surgeon chose cemented cruciate-retaining option. Post-op R.O.M. 115°... no instability and no pain... patient now ambulates with no walking aids.

GENESIS RESULT:
Surgeon chose cruciate-retaining option. Post-op R.O.M. 130°... no instability... patient now ambulates with no walking aids and no limp.

Total Knee Flexibility That Works.

GENESIS provides the flexibility you need to make the implant fit the patient. Not the other way around. When intraoperative circumstances take an unexpected turn, the GENESIS Total Knee System’s wide selection of stems, wedges, inserts, and patellar components allows you to choose – in the operating room – the exact knee for each of your patients. And you do it all with one instrument set.

GENESIS is total knee flexibility that works. From Smith & Nephew Richards.

For more information, ask your Smith & Nephew Richards Orthopaedic Product Specialist, or call 02205-3321.
PATIENT:
68-year-old male with severe pain... ambulates with cane... osteoarthritis... 10° flexion deformity.

GENESIS RESULT:
Surgeon chose posterior-stabilized option. Greatly increased R.O.M. ... no flexion deformity, no instability, and no pain ... ambulates with no walking aids.

PATIENT:
67-year-old male with severe pain... radiographic examination indicated tibial polyethylene wear and loose patella... limited R.O.M.

GENESIS RESULT:
Surgeon custom-built revision posterior-stabilized implant using long-stem components with femoral and tibial wedges. Patient now ambulates with no pain... no instability... R.O.M. 100°.

We’re Smith & Nephew Richards. We are Orthopaedics.
Physicians should advise each patient of the appropriate level of postoperative activity.

ADVANTAGE: RICHARDS

RICHARDS ROGOZINSKI SPINAL ROD SYSTEM.

One system offers the advantages you need for successful spinal procedures... performance and flexibility.

The Rogozinski Spinal Rod System provides two points of sacral fixation that combine with cross-linking to create strong, stable constructs. Hooks and screws can be assembled in a variety of combinations that allow a customized solution for each patient. The net results are successful fusion and renewal of a normal lifestyle.


For more information, contact your Smith & Nephew Richards Representative or call 1-800-821-5700.

NOTA BENE: The bone screws used in this system are intended for sacral attachment only.

Developed by Abraham Rogozinski, M.D., and Chaim Rogozinski, M.D., Jacksonville, Florida.
DEPARTMENT OF ORTHOPAEDIC SURGERY

Applications are invited for teaching and research appointments in the Department of Orthopaedic Surgery.

Teaching Appointments
Candidates applying for an appointment as Lecturer should possess a registrable medical degree together with relevant professional/higher academic qualifications.

For short-term appointments as Fellow/Senior Fellow, the contract will be for one year in the first instance, with the possibility of further extension. Appointees will carry out research in one of the following areas and be expected to participate actively in the teaching of undergraduates and clinical activities of the Department:

- Spine
- Paediatric Orthopaedics
- Orthopaedic Research
- Adult Reconstructive Surgery

Laboratory facilities are available for animal surgery, motion analysis, biomechanics, histology and biochemistry related to orthopaedic research.

Research Appointments
For appointments as Research Fellow, the contract is for up to three years. Candidates should possess a MD or PhD in medical science with strong research experience in the field of microsurgery or reconstructive surgery and the related basic sciences.

Research will be in the area of Reconstructive Microsurgery. The appointee is expected to be involved in current research activities as an investigator and to develop new areas as a principal investigator. Other responsibilities include directing and supervising research projects, management of the microvascular and cadaveric laboratories, supervision and training of junior research staff.

There is extensive interaction with the research community at NUS and other hospitals with the possibility of interdisciplinary collaboration.

Terms of Appointment
The commencing salary will depend upon the candidate's qualifications, experience and the appointment offered. Gross annual emoluments range as follows:

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary Range</th>
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<tbody>
<tr>
<td>Lecturer/Fellow</td>
<td>S$53,160 - 64,200</td>
</tr>
<tr>
<td>Senior Fellow</td>
<td>S$58,680 - 100,310</td>
</tr>
<tr>
<td>Research Fellow</td>
<td>S$50,400 - 64,200</td>
</tr>
</tbody>
</table>

(1.00 = S$2.91 approximately)

Benefits under the Professional Fee Scheme with respect to the care of private patients will apply to those on teaching appointments.

Leave and medical benefits will be provided. Depending on the type of contract offered, other benefits may include: provident fund benefits or an end-of-contract gratuity, a settling-in allowance of S$1,000 or S$2,000, subsidised housing at nominal rentals ranging from S$100 to S$216 p.m., education allowance for up to three children subject to a maximum of S$16,425 per annum per child, passage assistance and baggage allowance for the transportation of personal effects to Singapore.

All academic staff have access to the following computer and telecommunication resources: an individual microcomputer (an IBM AT-compatible or Apple Macintosh); an IBM mainframe computer with 16 MIPS of computing power; an NEC SX supercomputer with 650 MFLOPS of computing power; departmental laser printers; a wide spectrum of mainframe and microcomputer software; voice-mail. A campus-wide network, which is based on the high speed optical fibre based FDDI technology, links up all the academic staff and student microcomputers. UNIX workstations and provides access to the mainframe computer, the supercomputer, UNIX hosts, the on-line library catalogue, Internet and BITNET.

Applicants for research appointments may also apply for the Lee Kuan Yew Postdoctoral Fellowship, which will be awarded to candidates with excellent academic records and research potential and who had obtained their PhD degrees in the last few years. A tax-free stipend will be provided under the Fellowship which will be held concurrently with the candidate's appointment.

Application forms and further information on terms and conditions of service, including the Professional Fee Scheme, may be obtained from:

The Director
Personnel Department
National University of Singapore
10 Kent Ridge Crescent
Singapore 0511

NUS Overseas Office
Singapore High Commission
(Students Department)
16 Kinnerton Street
London SW1X 8ES, U.K.
Tel: (071) 235-4562

Enquiries may also be sent through BITNET to: PERV@NUS3090, or through Telefax: (65) 7783948.

When answering advertisements, please mention The Journal of Bone and Joint Surgery.
ZIMMER SPINAL DEFORMITY FELLOWSHIP

Royal National Orthopaedic Hospital,
Brockley Hill,
Stanmore,
Middlesex HA7 4LP
England

Suitably qualified surgeons in training are invited to apply for this one year fellowship starting 1st January 1993. Closing date for applications 1st July 1992.

Further details available from and application to:
Mr A. O. Ransford, FRCS
Chairman, Zimmer Committee,
c/o Royal National Orthopaedic Hospital

PATHOLOGICAL BASIS OF THE CONNECTIVE TISSUE DISEASES

D L Gardner Honorary Fellow in the Department of Pathology, University of Edinburgh, Emeritus Professor of Histopathology, University of Manchester, and Honorary Conservator of the Royal College of Surgeons of Edinburgh.

This is the definitive work on the pathology of the non-osseous connective tissue diseases of man.

FOR THE CLINICIAN

An up-to-date account of the clinical presentation of each disease, of its heritability and the influence of treatment upon the pathological processes and their prognosis is provided along with full details of connective tissue histopathology.

FOR THE PATHOLOGIST

Full descriptions of the biochemical, immunological and mechanical processes that account for these diseases are given in addition to the classical anatomical pathology of each abnormality.

The book describes the present state of understanding of each of the principal human connective tissue diseases and how this knowledge has been gained.

April 1992 1056 pages, numerous line and half-tone illus 0 7131 4548 X hardback £145.00

When answering advertisements, please mention The Journal of Bone and Joint Surgery.
RESEARCH FELLOWSHIP
TOTAL JOINT ARTHROPLASTY
Los Angeles

A one-year research fellowship is available in total joint replacement. The start date is negotiable within the August through December, 1992 time frame. Opportunities exist to participate in basic science research including direct experience in the histology and biomechanics laboratories and implant retrieval programme as well as related clinical research in total joint replacement. In addition, opportunities are provided to collaborate in ongoing studies in evaluating bone density around prosthetic components, bone physiology and ultra-structure.

Letters of inquiry and curriculum vitae should be sent to:
Harlan C. Amstutz, M.D.
Medical Director
Joint Replacement Institute
at Orthopaedic Hospital
2400 S. Flower St.
Los Angeles, CA 90007
213-742-1075; FAX: 213-744-1175

INTERNATIONAL POST-GRADUATE COURSE
BONE CIRCULATION IN NORMAL & PATHOLOGICAL CONDITIONS
THE STATE OF THE ART
organised by
ARCO (Association Research Circulation Osseous)
Brussels (Belgium)
September 25th and 26th, 1992

Venue Hôpital Erasme, 808 route de Lennik, 1070 Bruxelles - Belgique
Programme Friday (Sept. 25th): 9 am - 17 pm: sessions 1 and 2
Saturday (Sept. 26th): 9 am - 12 pm: session 3
Saturday (Sept. 26th): ARCO scientific meeting on bone necrosis.

Secretariat
Dr A. SCHOUTENS, Service de Médecine Nucléaire, Hôpital Universitaire ERASME, 808 route de Lennik, 1070 - BRUSSELS - BELGIUM, Tel: 32 2 5553300  Fax: 32 2 5554405

Course Registration Fee
1000 FF for non-ARCO members; 500 FF for ARCO members; ARCO membership: 500 FF

Hotel accommodation
The secretariat will take care of hotel reservations at preferential prices (around 80-90 US$ per night) before May 1st, 1992. Please specify the number of nights

Official language: English

When answering advertisements, please mention The Journal of Bone and Joint Surgery.
A two-day practical workshop on surgical approaches for orthopaedic trainees will be held at the Royal College of Surgeons of England, in collaboration with the Royal Free Hospital’s Department of Orthopaedic Surgery, on 13 and 14 July 1992.

Trainees will be able, under close supervision, to practise methods of approach to the pelvis/acetabulum, foot/ankle, lumbar spine, knee, elbow/forearm, brachial plexus, wrist/hand and shoulder. The practical sessions will make use of human cadavers and participants will also have the opportunity to practise total joint replacement during the course.

Places are strictly limited to twenty and will be awarded selectively after the closing date.

Course Fee: £275
(includes tuition, materials, refreshments, lunches and course dinner)

Closing date for receipt of applications: 12 June 1992


This course is sponsored by Biomet Ltd

When answering advertisements, please mention The Journal of Bone and Joint Surgery.
THE ROYAL COLLEGE OF SURGEONS OF ENGLAND

SYMPOSIUM ON LOCKING NAILING

31 July–2 August 1992

A symposium on locking nailing will be held this summer at The Royal College of Surgeons of England, for post-Fellowship orthopaedic registrars and senior registrars.

The meeting will comprise hands-on workshops, round-table discussions and lectures on principles, techniques and advances in locked intramedullary nailing, including sessions on polytrauma and special topics. There will be speakers from the United Kingdom, the USA and from Europe.

The symposium starts on Friday 31 July and will finish on Sunday morning, 2 August 1992.

Course Conveners: Mr James Christie and Mr Anthony Cross

Course Fee: £295
(includes tuition, all materials, lunches, refreshments and a Course Dinner on Saturday 1 August)

Application forms will be available after 1 April from:

The Hunterian Institute Office
The Royal College of Surgeons of England
35-43 Lincoln's Inn Fields
London WC2A 3PN
Telephone: 071-405 3474 ext 4601/3/7

and should be returned by Wednesday 1 July 1992

(The number of places is restricted and early application is advised)

THE ROYAL COLLEGE OF SURGEONS OF ENGLAND

NON-OPERATIVE TREATMENT OF FRACTURES

5–8 September 1992

A four-day practical workshop on the treatment of fractures using non-operative techniques will be held at The Royal College of Surgeons in September 1992.

The course has been designed to be of interest to peri- and post-FRCS registrars and senior registrars, and will consist of lectures and numerous practical sessions on the mechanics and complications of traction, pin placement and care; plaster techniques for upper and lower limb, spinal supports and the plaster environment; the biomechanics of bracing, and bracing for upper and lower limb and other fractures; and lectures on polytrauma, cast training, hand splintage and thermoplastic methods.

The faculty of lecturers will include experts from Great Britain and Europe.

Course Fee: £400
(includes materials, lunches and refreshments)

Application forms and provisional programmes are available from:

The Hunterian Institute Office
The Royal College of Surgeons of England
35-43 Lincoln’s Inn Fields
London WC2A 3PN
Telephone: 071-405 3474 ext 4601/3/7.

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Midas Rex Extension Hands-On Workshops

“MODERN DISSECTION TECHNIQUES of BONE, BIOMETALS, BIOCERAMICS, and BIOPLASTICS”

Ortho 700 for Orthopaedic Surgeons

Hannover, Germany
Location: Congress Centrum Stadtpark, Theodor-Heuss-Platz 1-3, D-3000, Hannover I, Germany. Accommodations: Inter-Continental Hannover, Friedrichswall 11, 3000 Hannover, Germany; (49 511) 3677-0.

Toronto, Ontario, Canada
Location: Inter-Continental Hotel Toronto, 220 Bloor Street West, Toronto, Ontario M5S 1T8; 416-960-5200.

Hilton Head Island
Location: Palmetto Dunes Resort; P.O. Box 5606; Hilton Head, SC 29938; Reservations: 800-845-6130, 803-785-3490.

Columbus
Location: Hyatt Regency Columbus; 360 North High Street; Columbus, OH 43215; 614-463-1234.

Boston
Location: The Colonade Boston; 120 Huntington Avenue; Boston, MA 02116; 617-424-7000.

Honolulu
Location: Waikiki; 2424 Kalakaua Avenue; Honolulu, HI 96815; 808-923-1234.

Monterey
Location: Hyatt Regency Monterey; One Old Golf Course Road; Monterey, CA 93940; 408-647-2000.

Washington, DC

Dallas/Fort Worth, New York City, West Palm Beach, Chicago, Los Angeles, Seattle, and St. Louis
Hands-On Workshops are also held regularly at the above permanent teaching facilities. Please call or write for schedule at these locations.

Fees (US$): Surgeon, $965.00; Fellow/Resident, $385.00; All Operating Room Personnel (RN/CST/PA/Other) $250.00.

Enrollment is limited. Please call to reserve space before sending check or arranging travel plans. All enrollments are made through:

MIDAS REX Institute, 2929 Race Street, Fort Worth, TX 76111-4134
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SYMPOSIUM OBJECTIVES

I. Surgeons will explore current concepts in orthopaedic surgery through lectures, conferences, and clinical procedures on video.

II. Surgeons will participate in hands-on workshops with advanced pneumatic instrumentation so their boneworking problems will be refined, expedited, and facilitated.

III. Surgeons who have completed the symposium should be able to apply immediately their amplified skills in the operating room to do their homework per se in the time delineated:

GENERAL*: Amputations, 1 min. • Beveling amputations, 30 sec. • Osteotomies, 1-3 min. • Tumor excision • IM rodding • Bone graft excision, 30-45 sec. • Tibia, fibula, iliac, rib • Osteotomies, small bones; large bones - chevron, Mitchell, step, opening wedge, closing wedge, dome, etc., 1-3 min. • Special procedures - Albeck, Chiari, Salter, etc.

VIRGIN JOINTS (Shoulder, Elbow, Wrist, Carpal, Metacarpal, Phalanges, Hip, Knee, Ankle, Tarsal, Metatarsal, Phalanges): Trochanteric femoral neck amputation, 30-45 sec. • Acetabular preparation for prosthetic joint, 1-3 min. • Femur head, 30 sec. • Unicondylar femoral preparation, 1-2 min. • Unicondylar tibial preparation, 1-2 min. • Total condylar femoral preparation, 2-3 min. • Total condylar tibial preparation, 2-3 min. • Ankle prosthesis, 1 min. •PIP prosthesis, 1 min. • Metacarpophalangeal prosthesis, 1 min. • Bunionectomy, 2 min.

JOINT REVISION*: Excision of methylmethacrylate from femur - short length prosthetic joint, 5-6 min.; extra length prosthetic joint, 8-15 min. • Cemented Austin Moore type, Sivas, and other femoral components, and shaped acetabular cup, 1 min. • Excision of acetabular methylmethacrylate, back, 2-5 min. • Excision of acetabular methylmethacrylate, 2 min. • Excision of tibial component and methylmethacrylate, 2 min.

BIOMETALS (Superalloys, Titanium alloys, Steinmann pins): Stabilization, 30-45 sec. • Excision of Steinmann pins, 2-3 min. • Free damaged screwheads from plate, 2-3 min. • Excise broken screws, 30 sec.

SPINE*: 4-Place laminectomy, 6-7 min. • Anterior cervical fusion with osteophytes removed, bone graft, 3-4 min. • Posterior laminar fusions • Posterior interbody fusions • Foraminotomies, 30 sec. • Osteophytes removed, 30 sec. • Harrington rod removals; Harrington rod transsection in situ, 2 min. • Fusions - posterior and anterior • Disc and nerve root problems • Unroofing nerves • Taking down old fusions, 1-8 min.

ENDOSCOPIC SURGICAL PROCEDURES OF KNEE*: Partial meniscectomies, 3-5 min. • Complete meniscectomies, 5-7 min. • Patellar shaving, 1-3 min. • Articular fractures, 30 sec. • Chondromalacia, 3 min. • Tendonoplasty 3-4 min.

*Procedural times refer to the actual time of running the instrument.

Surgeons will be furnished sufficient materials for any special procedure they may envision.

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Topics to be covered; Varios types of fractures; Remodelling; Non-union; The growth plate and classification of physeal fractures; Management of diaphyseal, metaphyseal and epiphyseal injuries including intra-articular and osteochondral fractures; Prevention and management of fracture complications; Evaluation and management of ligament injuries of the elbow-, knee- and ankle joint; Internal and external fracture fixation; Pathological fractures; Birth fractures; management of posttraumatic premature physeal closure

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For additional information please contact
Elisabeth Åstrand, Conference manager, The Institute of Medical Postgraduate Education, P O Box 656, S-751 27 Uppsala, Sweden, phone (46) 18 - 55 80 20, fax (46) 18 - 55 51 55

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References
2. Clinical data - Brigham and Women's Hospital, Boston, MA.

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