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.

American Back Society, Columbia Regional Hospital and Columbia Spine Center’s Spring Symposium on Back Pain
May 6-10, 1992 – New Orleans
Aubrey A. Swartz, MD, Executive Director, American Back Society, 2647 E. 14th Street, Suite 401, Oakland, CA 94601, USA

1992 Meeting of the Belgian Orthopaedic Societies
May 11-13, 1992 – Liège
Professeur Roger Lemaire, Service d’Orthopédie, CHU du Sart-Tilman, 4000 Liege, Belgium

Percutaneous and Minimal Intervention Surgery to the Lumbar Spine: 3rd British Course
Mrs Irene Peach, Orthopaedic Department, Royal East Sussex Hospital, Hastings, East Sussex TN34 1ER, England

Joint Replacement in the 1990s: Clinical Studies, Financial Implications and Marketing Approaches
May 18-19, 1992 – Nottingham
Further details from Alison Elgar: (UK) 071 973 1281

International Society for Study of the Lumbar Spine: 19th Annual Meeting
May 20-24, 1992 – Chicago
Dr James Weinstein, Secretary, Sunnybrook Medical Centre, Room A309, 2075 Bayview Avenue, Toronto, Canada M4N 3M5

NATO Advanced Research Workshop: Advances in the Biomechanics of the Hand and Wrist
May 22-23, 1992 – Brussels
Dr F. Schuind, Department of Orthopaedics, Hospital Erasme (Free University of Brussels), 808 route de Lennik, 1070 Brussels, Belgium

First World Congress of Sports Trauma
May 25-29, 1992 – Palma de Mallorca
CIC, San Miguel 30, 4 D bis, E-07002 Palma de Mallorca, Spain

Restorative Surgery of Handicapped Children (The Society for Paediatric Surgery and Orthopaedics and the Association for Helping the Physically Handicapped Children)
May 29-31, 1992 – Bucharest
Monica Stanciu, The Association for Helping the Physically Handicapped Children, Avrig Street, nr. 72-76, sector 3, cod 73334 - Bucharest, Romania

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, Istituti Ortopedici Rizzoli, via di Barbiano 1/10, Bologna, Italy

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. Kostuik, Organizing Chairman, 9th Combined Meeting Orthopaedic Associations of the English Speaking World, Suite 350, 55 York Street, Toronto, Ontario, Canada M5J 1R7

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

Arthroscopy 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
June 30-July 3, 1992 – London

Challenges in Fracture Surgery

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
July 16-17, 1992 – London

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

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 Paediatric Orthopaedics
August 31-September 2, 1992 – Vorau, Austria
Doz 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. Cosssins, ESS (Cambridge) Secretariat, c/o Pain Relief Foundation, Rice Lane, Liverpool L9 1AE, England

September 8, 1992 – London
Mr D. Marsh, Clinical Sciences Building, Hope Hospital, Eccles Old Road, Salford M6 8HD, England

British Orthopaedic Association: Autumn Scientific Meeting
September 9-11, 1992 – London
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

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

Bone Circulation in Normal and Pathological Conditions - The State of the Art (Two day postgraduate course sponsored by the Association Recherche de Circulation Osseuse)
September 25-26, 1992 – Brussels
Secretariat, Dr. A. Schoutens, Service de Medecine Nucleaire, Hôpital Universitaire 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 Facoltá di Medicina e Chirurgia dell’Università di Pavia, Ospedale ‘F. Del Ponte’, Via F. del Ponte, 19, I-21100 Varese, Italy

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, Rudderhove 10 - B-8000 Brugge, Belgium

Course on Radiology of 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 Bartr Road, Bessacarr, Doncaster DN4 7PA, England

Conference on Textiles in Medicine and Surgery II
November 10-11, 1992 – Manchester
Further details from CET office: (UK) 061 200 3995

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

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

The Degenerative Lumbar Spine, State of the Art Conference
November 19-20, 1992 – Lund, Sweden
Dr Bjorn Stromqvist, Department of Orthopaedics, University Hospital, S0221 85 Lund, Sweden

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 ICBME, 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, USA

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

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

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, USA

British, Dutch and Scandinavian 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 front and back sections of the Journal.

THE JOURNAL OF BONE AND JOINT SURGERY
Announcing Orthocon ’92
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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:

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Return to Congress Secretariat, PO Box 120, Staines, Middx, England.

DIVISION OF ORTHOPEDIC SURGERY AND TRAUMATOLOGY
HOSPITAL NACIONAL INFANTIL DEL NINO JESUS, MADRID, SPAIN

CURRENT TRENDS ON CONGENITAL DISLOCATION OF THE HIP
Madrid, Spain, APRIL 29-30, 1992

INVITED FACILITY:

J. BEGUIRISTAÍN, Pamplona, Sp.
H. BENSAHEL, Paris, France
M. D. BENSON, Oxford, England
R. BOWEN, Wilmington, USA
J. CANADELL, Pamplona, Spain
S. COLEMAN, Salt Lake C., USA
E. DELGADO, Madrid, Spain
A. DIMEGLIO, Montpellier, France
T. EPELDEGUI, Madrid, Spain
M. FERRER, Madrid, Spain
R. GUARNIERO, São Paulo, Brasil
W. LEHMAN, New York, USA
P. KLUSIC, Belgrade, Yugoslavia
I. KATZUKI, Fukuoka, Japan
D. KERET, Haifa, Israel
D. MACEWEN, New Orleans, USA
L. MUNUERA, Madrid, Spain
J. OGDEN, Tampa, USA
P. PINHEIRO, Rio de Janeiro, Brasil
D. TONNIS, Dortmund, Germany
S. WEINSTEIN, Iowa City, USA

ORGANIZATION & SCIENTIFIC SECRETARIAT:
J. Albiñana, M.D. (Madrid)
J. de Pablos, M.D. (Pamplona)
Cirugía Ortopédica y Traumatología
Hospital Nacional Infantil del Niño Jesús
Av. Menéndez Pelayo, 65
MADRID 28009
Tel.: 91-573 52 00
Fax: 91-574 46 69

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Ortho 700 for Orthopaedic Surgeons

San Francisco
April 9-10-11, 1992
Location / Accommodations: Sheraton Palace Hotel; 2 New Montgomery Street; San Francisco, CA 94105-3402; 415-392-8600.

Clearwater Beach
April 15-16-17, 1992
Cosponsored by The Florida Orthopaedic Institute. Location / Accommodations: Sheraton Sand Key Resort; 1160 Gulf Boulevard; Clearwater Beach, FL 34630; 813-595-1611.

Cincinnati
May 14-15-16, 1992
Location / Accommodations: Cincinnati Marriott; 11320 Chester Road; Cincinnati, OH 45246; 513-772-1720.

Hannover, Germany
June 16-17-18, 1992
Location: Congress Centrum Stadtpark, Thedor-Heuss-Platz 1-3, D-3000, Hannover 1, Germany. Accommodations: Inter-Continental Hannover, Friedrichswall 11, 3000 Hannover, Germany; 49 (511) 3677-0.

Toronto, Ontario, Canada
June 18-19-20, 1992
(Precedes the Canadian Orthopaedic Association meeting.)
Location / Accommodations: Inter-Continental Hotel Toronto, 220 Bloor Street West, Toronto, Ontario MSS 1T8; 416-960-5200.

Hilton Head Island
August 6-7-8, 1992
Location/Accommodations: Palmetto Dunes Resort; P.O. Box 5606; Hilton Head, SC 29938; Reservations: 800-845-6130, 803-785-3490.

Columbus
August 19-20-21, 1992
Location / Accommodations: Hyatt Regency Columbus; 360 North High Street; Columbus, OH 43215; 614-463-1234.

Boston
August 26-27-28, 1992
Location / Accommodations: The Colonade Boston; 120 Huntington Avenue; Boston, MA 02116; 617-424-7000.

Honolulu
September 30 - October 1-2, 1992
Location/Accommodations: Hyatt Regency Waikiki; 2424 Kalakaua Avenue; Honolulu, HI 96815; 808-923-1234.

Monterey
October 9-10-11, 1992
(Precedes the Western Orthopaedic Association)
Location/Accommodations: Hyatt Regency Monterey; One Old Golf Course Road; Monterey, CA 93940; 408-647-2000.

Washington, DC
October 29-30-31, 1992

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 locations.

Fees (US$): Surgeon, $965.00; Fellow/Resident, $585.00; 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
Phone 800-433-7639 or 817-831-2604; FAX 817-834-4835.

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 instrumentation 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 work faster, more efficiently, and more effectively in the time delineated:

GENERAL*: Amputations, 1 min. - Beveling amputations, 30 sec. - Decortication - Suture holes, 1-3 min. - Debridement, 30 sec. - Excision, 30 sec.

Tumor excision - IM rodging - Bone graft excision, 30-45 sec. - Tibia, fibula, iliac, rib - Osteotomies, small bones and large bones - Chisels, blades, step, rongeurs, chisels, wedge, dome, etc., 1-3 min. - Special procedures - Albee, Chiari, Saltzer, etc.

VIRGIN JOINTS (Shoulder, Elbow, Wrist, Metacarpal, Metatarsal, Phalanges, Hip, Knee, Ankle, Tarsal, Metatarsal, Phalanges): Trochanteric femoral neck amputation, 30-45 sec. - Acetabular prepa ration for prostheses, 1-3 min. - Anchor holes, 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 prosthesis, 5-6 min. - Extra length prosthesis, 8-15 min. - Cemented Austin Moore type, Sivash, and other femoral components, 30-45 sec. - Excision of polyethyl ene acetabular cup, 1 min. - Total hip metal back, 2-5 min. - Excision of acetabular methylmeth acrylate, 2 min. - Excision of tibial components and methylmethacrylate, 2 min.

BIOMATERIALS*: Methylmethacrylate - dissect, excise, shape - Polyethylene - abraded in situ, dissect in situ, transfemoral in situ, shape.

BIOMETALS (Superalloys, Titanium alloys, Stainless steels)*: Transplant and shape in OR, 1-6 min. - in situ, 1-6 min. - Drill and pull broken stems, 5-8 min. (no fenestration required) - Trans plant protruded femoral stem, 4-6 min. - Steinmann pins amputated, 2-3 min. - Free damaged screw heads from plate, 1-2 min. - Excise broken screws, 30 sec.

SPINE*: 4-Place laminectomy, 6-7 min. - Anterior cervical fusion with osteophyte removal, bone graft, 3-4 min. - Posterior cervical fusions - Posterior interbody fusions - Foraminotomies, 30 sec. - Osteophyte removals, 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. - Tendonplasty 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.
Call for Papers

SYMPOSIUM ON PROBLEMS OF THE FIRST RAY

This meeting will be of special interest to all those involved in foot surgery and management of problems of the feet and specifically:

AETIOLOGY, MANAGEMENT & TREATMENT OF HALLUX VALGUS/RIGIDUS

To be held at

THE ROYAL SOCIETY OF MEDICINE
1 WIMPOL STREET, LONDON W1M 8AE
SATURDAY MAY 9TH, 1992

CHAIRMEN: Mr. Basil Helal F.R.C.S. – Mr. Barry Francis F. Pod. A

You are invited to submit your papers (15 mins. approx.) to the Co-chairman Mr. Barry Francis, No. 10 Harley Street, London W1. Tel: 081 363 4808

For further information and course registration please contact:
Alexandra Mandrides, Conference Organiser, Laurel Heath, Heath Rise, Virginia Water, Surrey GU25 4AX.
Tel: 0344 842470

To Include Trade Exhibition

ZIMMER SPINAL DEFORMITY TRAVELLING SCHOLARSHIP

Applications are invited for this award which is worth £1,000 and is designed to support travel in order to allow an individual with an interest in spinal deformity to further his/her knowledge. There is no specific application form, but two copies of a curriculum vitae and a brief outline of how the award would be spent should be sent by 31.5.1992 to:

Mr Timothy Morley FRCS
Secretary, British Scoliosis Society
148 Harley Street
London, W1N 1AH

ORTHOPAEDIC & REHABILITATION TECHNOLOGY

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for the working Health Care Professional

The aim of the course is to update and extend the technical knowledge base of medical and paramedical professionals working in the fields of orthopaedics and rehabilitation, by providing a programme of distance learning which is directly relevant to their daily work. Study is part-time over a 2-5 year period, including four weeks attendance at clinical centres in Dundee. The course is suitable for physicians, surgeons, nurses, therapists, orthotists, prosthetists, engineers and technologists and others with an interest in these fields.

The course is run jointly by the School of Biomedical Engineering and the Department of Orthopaedic Surgery at the University of Dundee, and the Tayside Rehabilitation Engineering Services at Dundee Limb Fitting Centre.

For information and application forms contact: Distance Learning Co-ordinator, School of Biomedical Engineering, University of Dundee, DUNDEE DD1 4HN, Scotland, UK. Telephone: (0382) 307825 Fax: (0382) 307644.

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The Insall/Burstein II Modular Knee System continues this tradition by bringing leading technology to a time-proven implant design. With its modular components, the surgeon has the latitude to build a “custom” component intraoperatively. A system of
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Load-bearing cancellous bone blocks free of epiphyseal cartilage and cortical bone. Each bone is compression tested to insure that it will carry a load well in excess of 600 Kgs. Three, three or four bones may be used in each level. These-level operations have been performed successfully using Unilab Surgibone.

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- 30.0 mm long x 10.0 mm wide x 15.0 mm high - Catalog No. 3010-15
- 30.0 mm long x 10.0 mm wide x 20.0 mm high - Catalog No. 3010-20

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Cancellous non-load bearing bone free of epiphyseal cartilage and cortical bone. Tapered full length (for patella).

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Load-bearing cancellous bone free of epiphyseal cartilage and cortical bone, threaded for use in the Otero procedure for cervical fusion. Compression tested to insure that it will carry a load well in excess of 250 Kgs.

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Load-bearing cancellous bone blocks free of epiphyseal cartilage and cortical bone. Each bone is compression tested to insure that it will carry a load well in excess of 400 Kgs. Three-level operations have been performed successfully using Unilab Surgibone.

Sizes available:
- 20 mm wide x 15 mm long x 8 mm high - Catalog No. 2015-08
- 20 mm wide x 15 mm long x 10 mm high - Catalog No. 2015-10
- 20 mm wide x 15 mm long x 12 mm high - Catalog No. 2015-12

One per package - sterile.

COMPOUND TAPERED WEDGE
Cancellous non-load bearing bone free of epiphyseal cartilage and cortical bone. Multiple tapers for patella.

Sizes available:
- 55 mm long x 10 mm wide x 25 mm high - Catalog No. 5510 TPR
- 55 mm long x 13 mm wide x 25 mm high - Catalog No. 5513 TPR
- 55 mm long x 16 mm wide x 25 mm high - Catalog No. 5516 TPR
- 60 mm long x 15 mm wide x 30 mm high - Catalog No. 6015 TPR

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No pre-operative preparation of the bone such as soaking is required. The normal operative procedure is followed except that Unilab Surgibone is used in place of autologous or homologous bone. During the post-operative period the process known as "creeping substitution" takes place, leading to formation of host bone, absorption of Unilab Surgibone and fusion.

**CRANULATED (crushed)**
Cancellous bone free of epiphyseal cartilage or cortical bone for use in filling sites where bone cysts or tumors have been removed.

**CIRCULAR DISK**
A large load-bearing cancellous bone disk free of epiphyseal cartilage and cortical bone for use in any area where a large mass is needed. Primarily for condyle repair.
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Cancellous non-load-bearing bones free of epiphyseal cartilage and cortical bone. Cut, not crushed. For use in filling voids from cysts or tumors.
Size available:
5.0 mm x 5.0 mm x 5.0 mm - 10 gram package (Vol. 30 cc)
Catalog No. 0505-10
Sterile.

**ONLAY GRAFTS**
Cancellous bone one side and cortical bone on the other. Used for splicing or grafting where strength is required.
Sizes available:
120 mm long x 15 mm wide x 6 mm thick - Catalog No. 120-156
100 mm long x 15 mm wide x 6 mm thick - Catalog No. 100-156
80 mm long x 15 mm wide x 6 mm thick - Catalog No. 080-156
50 mm long x 7 mm wide x 5 mm thick - Catalog No. 050-075
One per package - sterile.

**BLOCKS FOR CAVITY FILLING**
Non-load bearing cancellous blocks free of epiphyseal cartilage or cortical bone for use in filling voids where tumors or cysts have been removed.
Size available:
20 mm wide x 20 mm long x 10 mm high
Three per package - sterile
Catalog No. 2020-10
Catalog No. 2020-01
One per package - sterile.

**TAPERED PLUG**
Cancellous non-load-bearing bone free of epiphyseal cartilage and cortical bone. For filling drilled openings 7 mm or larger.
Size available:
50 mm long tapered 6 mm dia. to 5 mm dia.
Catalog No. 50-0605
One per package - sterile.

**TAPERED DISKS**
A large load-bearing cancellous bone free of epiphyseal cartilage and cortical bone for use in Tibia Osteotomy.
Sizes available:
40 mm dia. tapered from 6 mm high to 2 mm high - Catalog No. 400-062
40 mm dia. tapered from 8 mm high to 2 mm high - Catalog No. 400-082
40 mm dia. tapered from 10 mm high to 2 mm high - Catalog No. 400-102
50 mm dia. tapered from 8 mm high to 2 mm high - Catalog No. 500-082
50 mm dia. tapered from 10 mm high to 2 mm high - Catalog No. 500-102
50 mm dia. tapered from 12 mm high to 2 mm high - Catalog No. 500-122
50 mm dia. tapered from 14 mm high to 2 mm high - Catalog No. 500-142
One per package - sterile.

For complete product information, contra indications and adverse reactions, contact: Unilab, Inc. Hillside, NJ (908) 688-3300 Fax (908) 688-1903
Physicians should advise each patient of the appropriate level of postoperative activity.

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

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

Forthcoming Courses or Senior Posts in Orthopaedics in the Journal of Bone & Joint Surgery

Please contact Pam Noble
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- "Recovery and rehabilitation following operation is less prolonged and less complicated than with tibial osteotomy."¹
- At three to five year follow-up of 50 cases, it was found that no revisions had been required.²
- At an average review of five and a half years, "...92 per cent of the knees...had a good or excellent result."³
- The Uni-Condylar Knee "...is an attractive alternative for the treatment of unicompartmental osteoarthritis."³
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As an alternative to other unicompartmental knees, The Robert Brigham Uni-Condylar Knee stands alone.

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

Further information may be obtained from the Customer Services Department at:

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