The International Skeletal Society
ISS Budapest 2007
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The 34th Annual ISS Radiology Refresher Course:
Diagnosis and Management of Musculoskeletal Disorders

&

5th Annual
ISS Pathology Refresher Course

The InterContinental Budapest
Budapest, Hungary
On behalf of the International Skeletal Society we would like to welcome you to its 5th Annual Pathology Meeting; which this year will be held in Budapest, Hungary. We are confident that your stay in Budapest will be a richly rewarding one. A series of local and regional tours are also being organized. I look forward to welcoming you to Budapest.

Yours sincerely,
Peter G. Bullough, M.D.
Chairman, ISS Pathology Refresher Course

**PROGRAM COMMITTEE**

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Cleveland Clinic Foundation, Cleveland, OH, USA
COURSE DESCRIPTION
This comprehensive course covers clinical, radiological, and histopathological features of non-neoplastic and neoplastic diseases of the bones and joints. Participants discuss cases chosen from material submitted by members of the International Skeletal Society. A CD-ROM containing images of each case as an unknown are sent to each registrant before the course. During each session of the course four or five cases appropriate to that session are presented and discussed highlighting the salient clinical, radiologic, and pathologic features that go towards arriving at an accurate diagnosis. Emphasis is placed on the differential diagnosis and specialized techniques expected to contribute to an appropriate diagnosis.

COURSE OBJECTIVES
As a result of participating in this activity the participant should:
• Be able to correlate the clinical history, imaging and pathologic features of each case presentation.
• Understand specialized techniques important to making a diagnosis in bone and joint disease especially polarized light microscopy, fine grain radiographs, immunohistochemistry and genetic studies.
• Be able to use the case materials in teaching medical students and residents.
• Help the surgeon better identify diseased tissue in the operative field.

TARGET AUDIENCE
The course is targeted at Residents, Fellows and Practicing Surgical Pathologists; additionally Orthopedic Surgeons and Rheumatologists with an interest in acquiring a better understanding of the more basic aspects of the disease they are treating.

WEDNESDAY, OCTOBER 10

7:00 - 8:00 REGISTRATION, Panorama
8:00 - 8:15 WELCOME / INFORMATION
8:15 - 9:45 Session I: Connective Tissue Structure — Michael J. Klein
The covered topics include: Normal Bone, Normal Joint, Ligaments / Tendon, Collagen Disorders, Mucopolysaccharidosis.

9:45 - 11:15 Session II: Metabolic Bone Disease, Part I — Edward F. McCarthy and Michael J. Pitt
The covered topics include: Rickets, Osteomalacia, Hyperparathyroidism, Oncogenic Osteomalacia.

11:15 - 11:30 BREAK

11:30 - 12:45 Session III: Metabolic Bone Disease, Part II Edward F. McCarthy and Michael J. Pitt
The covered topics include: Paget’s Disease, Osteoporosis.

12:45 - 13:45 LUNCH BREAK
13:45 – 15:15 **Session IV: Pseudotumor and Reactive Lesion** — Fiona M. Bonar and Murali Sundaram  
The covered topics include: Bone, Cartilage, and Ligamentous Healing, Bone Infarcts, Pseudotumors, Myositis Ossificans, Nodular Fasciitis, BPOP, Reactive Periosteal Lesion.

15:15 – 15:30 BREAK

15:30 – 17:00 **Session V: Small Cell Tumors** Gene P. Siegal and Mark J. Kransdorf  
The covered topics include: Ewing’s, Myeloma, Non-Hodgkin’s Lymphoma, Leukemia.

19:30 – 21:30 **WELCOMING RECEPTION - INTERCONTINENTAL CORSO RESTAURANT**

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**THURSDAY, OCTOBER 11**

8:00 – 9:30 **Session VI: Growth and Development** — Manjula Bansal and Janet McCredie  
The covered topics include: Skeletal Embryology and Developmental Aberrations.

9:30 – 11:00 **Session VII: Arthritis** — Peter G. Bullough and Robert Schneider  
The covered topics include: Osteoarthritis/Post-Traumatic Arthritis, Rheumatoid Arthritis, Neuropathic Joint, Insufficiency Fracture, Implant Reactions, Gout/Pseudogout, Ochronosis.

11:00 – 11:15 BREAK

11:15 – 12:45 **Session VIII: Chordoma, Vascular Lesions and Histiocytoses** — Julie C. Fanburg-Smith and Mark D. Murphey  
The covered topics include: Chordoma, Benign Chordoma, Histiocytosis X, Vascular Tumors, Storage Diseases.

12:45 – 13:45 LUNCH BREAK

13:45 – 15:15 **Session IX: Synovial Lesion** — Jeanne M. Meis-Kindblom and Lars G. Kindblom  
The covered topics include: Synovial Fibroma, Pigmented Villonodular Synovitis, Synovial Chondromatosis, Hemangioma, Malignant Synovial Tumors.

15:15 – 15:30 BREAK

15:30 – 17:00 **Session X: Bone and Joint Infection** — Panna Desai and Mark Schweitzer  
The covered topics include: Osteomyelitis, Tuberculosis, Septic Joint, Infection and Frozen Section Diagnosis.

19:30 – 22:30 **CHAIRMAN’S CHOICE OPTIONAL EVENING**  
**Dinner on the Danube aboard the Europa**  
Buses will depart at 18:45. Please meet in hotel lobby.
FRIDAY, OCTOBER 12

8:00 – 9:30 **Session XI: Giant Cell and Cyst Lesions** — Fiona M. Bonar and John Earwaker  
The covered topics include: Giant Cell Tumor, Aneurysmal Bone Cyst, Giant Cell Reparative Granuloma, Simple Bone Cyst.

9:30 – 11:00 **Session XII: Fibrous Lesions** Francis H. Gannon and Mark D. Murphey  
The covered topics include: Desmoplastic Fibroma, Non-Ossifying Fibroma, Benign and Malignant Fibrous Histiocytoma, Fibrosarcoma, Fibro-Osseous Lesion, Adamantinoma.

11:00 – 11:15 BREAK

11:15 – 12:45 **Session XIII: Cartilage Tumors** — Bogdan Czerniak and Colleen Costelloe  
The covered topics include: Enchondroma, Chondroblastoma, Chondromyxoid Fibroma, Chondrosarcoma, Mesenchymal Chondrosarcoma, Dedifferentiated Chondrosarcoma, Clear Cell Chondrosarcoma.

12:45 – 13:45 LUNCH BREAK

13:45 – 15:15 **Session XIV: Bone Forming Tumors** Leonard B. Kahn and Francisco Aparisi Rodriguez  
The covered topics include: Osteoid Osteoma, Osteoblastoma & Its Variants, Surface Osteosarcoma, Intramedullary Osteosarcoma.

15:15 – 15:30 BREAK

15:30 – 17:00 **Session XV: Metastatic Tumors** — Benjamin Hoch and George Hermann  
The covered topics include: Differential Diagnosis of Metastatic Tumors and Difficulties Encountered.

17:00 – 17:15 CONCLUSION & CLOSING REMARKS

1930 – 2300 GALA DINNER - INTERCONTINENTAL BALLROOM