COURSE DIRECTORS

Dr. Julie C. Fanburg-Smith  Orthopedic and Soft Tissue Pathology
Dr. Mark D. Murphey  Musculoskeletal Radiology
Dr. Franklin H. Sim  Orthopedic Oncologic Surgery

PART 1
Benign Bone and Joints  MODERATORS  Dr. Julie C. Fanburg-Smith, Dr. S. Fiona Bonar and Dr. Edward DiCarlo

8:00 - 8:20  Healthy Bone Matrix and Cellular Milieu - Dr. Julie C. Fanburg-Smith
8:20 - 8:40  How Radiology Can Help the Pathologist in the Interpretation of Benign Conditions - Dr. Mark D. Murphey
8:40 - 9:00  Pathological Aspects of Common Bone Disorders - Dr. S. Fiona Bonar
9:00 - 9:25  Anatomy and Pathology of the Diarthrodial and Amphiarthrodial Joints - Dr. Edward DiCarlo
9:25 - 9:45  What Every Pathologist Should Know About Metabolic Bone Disease - Dr. Edward McCarthy
9:45 - 10:00  COFFEE BREAK

PART 2
Benign versus Malignant Bone Forming Tumors  MODERATORS  Dr. Franklin H. Sims and Dr. Carrie Y. Inwards

10:00 - 10:30  Pathologic Pitfalls in the Diagnosis of Osteosarcoma - Dr. Carrie Y. Inwards
10:30 - 11:00  Imaging of Bone Forming Tumors: Tricks of the Trade - Dr. Doris E. Wenger
11:00 - 11:45  Update to the Surgical Approach of Osteosarcoma and its Mimics - Dr. Franklin H. Sim
11:45 - 12:45  LUNCH BREAK

PART 3
Conventional Chondrosarcoma and Chordoma: Challenges Associated with Diagnosis and Treatment  MODERATORS  Dr. Andrew E. Rosenberg, Dr. Franklin H. Sim, Dr. Mark D. Murphey

Session 1  Enchondroma versus Conventional Chondrosarcoma
12:45 - 1:00  Enchondroma versus Conventional Chondrosarcoma: The Pathologist’s Dilemma. - Dr. Andrew E. Rosenberg
1:00 - 1:15  Enchondroma versus Conventional Chondrosarcoma: The Rules of Radiology. - Dr. Mark D. Murphey
1:15 - 1:30  Enchondroma versus Conventional Chondrosarcoma: Is There a Role for Molecular Analysis? – Dr. Adrienne Flanagan
1:30 - 1:45  Enchondroma versus Conventional Chondrosarcoma: What Matters to the Surgeon. - Dr. Carol Morris

Session 2  Benign Notochordal Cell Tumor versus Chordoma
1:45 - 2:00  Benign Notochordal Cell Tumor versus Chordoma: Is the Microscope Enough? - Dr. G. Petur Nielsen
2:00 - 2:15  Benign Notochordal Cell Tumor versus Chordoma: The Radiologist’s Criteria. - Dr. Mark D. Murphey
2:15 - 2:25  Benign Notochordal Cell Tumor versus Chordoma: Can Molecular Pathology Help? - Dr. Adrienne Flanagan
2:25 - 2:45  Benign Notochordal Cell Tumor versus Chordoma: The Surgeon’s Perspective. - Dr. Francis Hornicek
2:45-3:00  COFFEE BREAK

PART 4
Giant Cell Rich and Epithelioid Vascular Tumors of Bone  MODERATORS  Dr. Meera Hameed and Dr. John Healey

3:00 - 3:20  What’s New in Epithelioid Vascular Lesions of Bone? - Dr. Cristina Antonescu
3:20 - 3:50  Updated Clinical Approach to Giant Cell Tumors and Vascular Tumors - Dr. John Healey
3:50 - 4:10  Will the Real Giant Cell Tumor Please Stand Up? - Dr. Meera Hameed
4:10 - 4:30  Radiologic Shadows of Tumors Rich in Giant Cells and Vessels - Dr. Sinchun Hwang
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