



BE A PART OF IT NEW YORK, NEW YORK

NEW YORK HILTON MIDTOWN

ONE-DAY INTERDISCIPLINARY BONE COURSE

Musculoskeletal Pathology, Radiology and Surgery - A Correlative Approach

Orthopedic Pathology • Musculoskeletal Radiologic • Oncologic Orthopedic Surgery Correlation

REGISTER ONLINE

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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

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| <p>Session 1 Enchondroma versus Conventional Chondrosarcoma</p> <p>12:45 - 1:00 Enchondroma versus Conventional Chondrosarcoma: The Pathologist's Dilemma. - Dr. Andrew E. Rosenberg</p> <p>1:00 - 1:15 Enchondroma versus Conventional Chondrosarcoma: The Rules of Radiology. - Dr. Mark D. Murphey</p> <p>1:15 - 1:30 Enchondroma versus Conventional Chondrosarcoma: Is There a Role for Molecular Analysis? - Dr. Adrienne Flanagan</p> <p>1:30 - 1:45 Enchondroma versus Conventional Chondrosarcoma: What Matters to the Surgeon. - Dr. Carol Morris</p> | <p>Session 2 Benign Notochordal Cell Tumor versus Chordoma</p> <p>1:45 - 2:00 Benign Notochordal Cell Tumor versus Chordoma: Is the Microscope Enough? - Dr. G. Petur Nielsen</p> <p>2:00 - 2:15 Benign Notochordal Cell Tumor versus Chordoma: The Radiologist's Criteria. - Dr. Mark D. Murphey</p> <p>2:15 - 2:25 Benign Notochordal Cell Tumor versus Chordoma: Can Molecular Pathology Help? - Dr. Adrienne Flanagan</p> <p>2:25 - 2:45 Benign Notochordal Cell Tumor versus Chordoma: The Surgeon's Perspective. - Dr. Francis Hornicek</p> <p>2:45-3:00 COFFEE BREAK</p> |
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PART 4

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

- 3:00 - 3:20 Giant cell tumor and its mimics-Morphology and Molecular Pathology - **Dr. Meera Hameed**
- 3:20 - 3:40 Radiologic Shadows of Tumors Rich in Giant Cells and Vessels - **Dr. Sinchun Hwang**
- 3:40 - 4:00 What's New in Epithelioid Vascular Lesions of Bone? - **Dr. Cristina Antonescu**
- 4:00 - 4:30 Updated Clinical Approach to Giant Cell Tumors and Vascular Tumors - **Dr. John Healey**

SPEAKERS

Cristina Antonescu, M.D.

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