



**Accreditation**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Musculoskeletal Tumor Society. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **5.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Objectives**

Upon completion of this scientific session, learners should be able to:

- Understand the scope and breadth of current musculoskeletal research and consider potential collaboration
- Understand the potential for treatment failures with various limb salvage modalities and how to deal with failures when they occur
- Understand the impact of changes in the educational process and explore “best practices” for resident education in orthopaedic oncology as a profession
- Understand the potential effectiveness/ineffectiveness of MSK imaging in the identification and treatment of musculoskeletal abnormalities
- Understand the most recent data available and applicability of various advancements in limb prosthetics and research on treatment in the orthopaedic oncology profession.

*Theodore W. Parsons III, MD, FACS, President*  
*Patrick Lin, MD, Chair*  
*Joel Mayerson, MD, Vice-Chair*

**Session I: Translational Research**

	<b>Moderators:</b> Parker Gibbs Jr., MD (Gainesville, Florida)
	Francis Y. Lee, MD, PhD (New York, NY)
8:08 am – 8:20 am	<b>PARITY Trial Update</b> <i>Michelle Ghert, MD</i>
8:20 am – 8:32am	<b>miRNA Strategies for Sarcomas</b> <i>Francis J. Hornicek, MD</i>
8:32 am – 8:44 am	<b>What’s on the Treatment Horizon for Osteosarcoma</b> <i>Kurt Weiss, MD</i>
9:00 am – 9:30 am	<b>Open Forum for New Research Proposals</b>

**Session II: Metastatic Disease**

	<b>Moderators:</b> Mark T. Scarborough, MD (Gainesville, Florida)
	<i>Ginger E. Holt, MD</i> (Nashville, TN)
9:30 am – 9:45 am	<b>Predicting Fracture Risk: Follow-up on MSTS Sponsored Study</b> <i>Timothy A. Damron, MD</i>
9:45 am – 10:00 am	<b>Challenging Old Notions of Fixation</b> <i>Bryan S. Moon, MD</i>
10:00 am – 10:15 am	<b>Spine Metastases and Minimally Invasive Techniques</b> <i>Peter S. Rose, MD</i>

**Session III: Orthopaedic Oncology in the Digital Age**

	<b>Moderators:</b> Carol D. Morris, MD, MS (Baltimore, Maryland)
	<i>Howard G. Rosenthal, MD, FACS</i> (Overland Park, Kansas)
10:45 am – 11:00 am	<b>Coding – Practical Tips for the Orthopaedic Oncologist</b> <i>John P. Heiner, MD</i>
11:00 am – 11:15 am	<b>EHS: Can EMR's Actually Make You More Efficient?</b> <i>Richard D. Lackman, MD</i>
11:15 am – 11:30 am	<b>Measuring Outcomes in Orthopaedic Oncology – Beyond the MSTS Score</b> <i>Justin E. Bird, MD</i>
11:30 am – 11:45 am	<b>Telemedicine and Social Media</b> <i>Robert L. Satcher, MD</i>
12:00 pm – 1:10 pm	<b>Business Meeting</b>

---

1:20 pm – 2:00 pm

**Session IV: Interactive Roundtable  
– Starting an Oncology Practice in  
the Era of the ACA**

---

**Moderators:** *Joel Mayerson, MD*  
(Columbus, Ohio)

*Wakenda K. Tyler, MD*  
(Rochester, New York)

**Panel:** *Nicholas Bernthal, MD*  
*Shawn Lamar Price, MD*  
*Felix H. Cheung, MD*  
*Benjamin J. Miller, MD, MS*  
*John P. Heiner, MD*

**Session V: Strategies for the Skeletally Immature  
Patient with Sarcomas of Bone**

---

**Moderators:** *Kristy L. Weber, MD*  
(Philadelphia, Pennsylvania)

*Valerae O. Lewis, MD*  
(Houston, Texas)

2:00 pm – 2:15 pm

**Surgical Technique & Pearls in  
Expandable Prostheses**  
*G. Douglas Letson, MD*

2:15 pm – 2:30 pm

**Long Term Outcome after Expandable  
Prostheses**  
*Michael D. Neel, MD*

2:30 pm – 2:45 pm

**Non-expandable Prostheses & Strategies**  
*Mark C. Gebhardt, MD*

3:00 pm – 3:15 pm

**Update on COG Clinical Trials**  
*R. Lor Randall, MD, FACS*

3:15 pm – 3:30 pm

**Joint Sparing Resections**  
*Ernest U. (Chappie) Conrad III, MD*

3:30 pm – 3:45 pm

**Distraction Osteogenesis and Limb  
Lengthening Techniques**  
*Daniel E. Prince, MD, MPH*