



**General Information**

**Educational Objectives**

- Upon completion of this session, learners should be able to:
- Understand how targeted therapies may change the treatment of pediatric sarcomas
- Understand the role that education and mentorship play in the on-going growth of the field of musculoskeletal oncology
- Understand the various practice models in orthopaedic oncology and how to best create an effective practice in each of these practice models
- Have a general understanding of the types of research taking place within the musculoskeletal tumor society and how recent funding opportunities have helped advance that research
- Understand the challenges faced in complicated clinical scenarios and how to work through these complex problems
- Understand how best to identify meaningful new literature and how to apply that literature to your practice

**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.

**Credit Hours**

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **6 AMA PRA Category 1 Credits™**. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

**Program Committee Leadership**

*Wakenda K. Tyler, MD, MPH, Program Chair*  
*Megan E. Anderson, MD, Vice-Chair*  
*Nicholas Bernthal, MD, Member-at-Large*

8:00 am – 8:05 am	<b>Welcome</b> <i>Joseph Benevenia, MD, MSTS President</i> <i>Wakenda K. Tyler, MD, MPH, Program Chair</i>
8:05 am – 9:20 am	<b>Session I: Musculoskeletal Oncology: Present and Future</b>
	<b>Moderators:</b> Carol D. Morris, MD, MS (Baltimore, MD) and Peter S. Rose, MD (Rochester, MN)
8:05 am – 8:35 am	<b>Pediatric Sarcoma Therapy on the Horizon</b> <i>Richard Gorlick, MD (Houston, TX)</i>
8:35 am – 8:45 am	<b>Discussion/Questions</b>
8:45 am – 9:15 am	<b>Education and Mentorship in Musculoskeletal Oncology</b> <i>Professor Pietro Ruggieri, MD, PhD (Padova, Italy)</i>
9:15 am – 9:25 am	<b>Discussion/Questions</b>

**9:25 am – 10:45 am Session II: Practice Management**

	<b>Moderators:</b> Daniel E. Prince, MD, MPH (New York, NY) and Megan E. Anderson, MD (Boston, MA)
9:25 am – 9:40 am	<b>Pros and Cons of an Academic Practice Career</b> <i>Mark C. Gebhardt, MD (Boston, MA)</i>
9:40 am – 9:55 am	<b>Pros and Cons of a Private Practice Career</b> <i>Bruce Rougraff, MD (Indianapolis, IN)</i>
9:55 am – 10:10 am	<b>Getting A Practice Up and Running</b> <i>Joel Mayerson, MD (Columbus, OH)</i>
10:10 am – 10:25 am	<b>How to Retire</b> <i>Dempsey Springfield, MD (Palm Coast, FL)</i>
10:25 am – 10:45 am	<b>Discussion/Questions</b>
10:45 am – 11:15 am	<b>Morning Break</b>

**11:15 am – 12:15 pm Session III: Research Forum**

	<b>Moderators:</b> Francis Young Lee, MD, PhD (New Haven, CT) and Matthew Steensma, MD (Grand Rapids, MI)
11:15 am – 11:25 am	<b>Immunotherapy In Chondrosarcoma</b> <i>Joseph H. Schwab, MD (Boston, MA)</i>
11:25 am – 11:35 am	<b>Update on Denosumab Treatment in Giant Cell Tumor of Bone</b> <i>Susan V. Bukata, MD (Santa Monica, CA)</i>
11:35 am – 11:40 am	<b>Update on SAFETY Trial</b> <i>Michelle Gbert, MD, FRCSC (Hamilton, ON)</i>
11:40 am – 12:00 pm	<b>Updates on Research from MSTS/OREF Grant Recipients from 2016 and 2017</b>
11:40 am – 11:45 am	<i>Lukas Nystrom, MD (Cleveland, OH)</i>
11:45 am – 11:50 am	<i>Benjamin J. Miller, MD, MS (Iowa City, IA)</i>
11:50 am – 11:55 am	<i>Thomas J. Scharschmidt, MD (Columbus, OH)</i>
11:55 am – 12:00 pm	<i>Nicholas Bernthal, MD (Santa Monica, CA)</i>
12:00 pm – 12:15 pm	<b>Discussion/Questions</b>
12:15 pm – 1:15 pm	<b>Session IV: Business Meeting</b>

1:15 pm – 3:45 pm

**Session V: Complicated  
Clinical Practice Problems**

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**Moderators:** Adam S. Levin, MD  
(Baltimore, MD) and R. Lor Randall, MD,  
FACS, (Salt Lake City, UT)

1:15 pm – 1:35 pm

**This Paper Changed My Practice**  
John H. Healey, MD, FACS  
(New York, NY) and  
Mark C. Gebhardt, MD (Boston, MA)

1:35 pm – 1:45 pm

**Discussion/Questions**

1:45 pm – 2:05 pm

**Afternoon Break**

2:05 pm – 3:15 pm

**Panel Discussion: Best Save/Worst Save**  
**Panel:** Ernest U. “Chappie” Conrad, III,  
MD (Houston, TX); Valerae O. Lewis, MD  
(Houston, TX); Robert H. Quinn, MD  
(San Antonio, TX); Mark T. Scarborough,  
MD (Gainesville, FL)

3:15 pm – 3:45 pm

**Healthcare Delivery: Overcoming  
Challenges**  
Jay S. Wunder, MD (Toronto, ON) and  
Ginger E. Holt, MD (Nashville, TN)

3:45 pm – 3:50 pm

**Closing Remarks**  
Wakenda K. Tyler, MD, MPH,  
Program Chair