

**Saturday, March 16, 2019**  
**Venetian/Sands Expo**  
**Room 3304**  
**8:00 am – 3:30 pm**



## Musculoskeletal Tumor Society

*Toolbox for Your Practice in  
Orthopaedic Oncology*

### General Information

#### Description

The focus of the upcoming Specialty Day Meeting will be on tools to help physicians and allied health professionals in their practice caring for patients with musculoskeletal tumors. Through guest speakers from the business world, expert panel discussions, scientific presentations of cutting edge basic science research and surgical techniques, attendees will have the opportunity to learn and actively participate in areas of practice development.

#### Educational Objectives

Upon completion of the session, attendees should be able to:

- Understand several treatment options for challenging patient, tumor and reconstruction options in Orthopaedic Oncology.
- Assess the progress of MSTS-sponsored research projects.
- Be aware of new tools under development to assess margins intraoperatively in tumor resection surgery.
- Cultivate career planning expertise to become a good mentee and develop into a good mentor.
- Recognize signs of physician burn out and develop skills to avoid it.
- Develop an understanding of technological advances that can have an impact on a musculoskeletal oncology 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 claim only the credit commensurate with the extent of their participation in the activity.

#### Program Committee Leadership

**Megan E. Anderson, MD**, Program Chair  
**Pietro Ruggieri, MD, PhD**, Vice Chair  
**Nicholas Bernthal, MD**, Member-at-Large  
**David M. King, MD**, Member-at-Large

8:00 am – 8:05 am	<b>Welcome</b> <i>R. Lor Randall, MD, FACS, MSTS President</i> <i>Megan E. Anderson, MD, Program Chair</i>
<b>8:05 am – 8:45 am</b>	<b>Session I: MSTS Guest Speaker</b>
8:05 am – 8:35 am	Look For The Light <i>Theresa Beech</i>
8:35 am – 8:45 am	Discussion/Questions

<b>8:45 am – 10:00 am</b>	<b>Session II: Challenging Case: Ask an International Expert</b>
	<b>Moderators:</b> <i>Nicholas M. Bernthal, MD and Peter Ferguson, MD</i> Panel Participants: <i>Miguel A. Ayerza, MD, (Argentina)</i> <i>Peter Steadman, MB, BS, FRACS (Ortho) (Australia)</i> <i>Jay S. Wunder, MD, Msc, FRCSC (Canada)</i> <i>Andrea Angelini, MD, PhD (Italy)</i> <i>Hiroyuki Tsuchiya, MD, PhD (Japan)</i> <i>Keith V. Hosking, MB, ChB, FCS, (SA),</i> <i>Lee M. Jays, MB, ChB, MSc, FRCS (UK)</i> <i>Francis J. Hornicek, MD, PhD (USA)</i>
10:00 am – 10:30 am	Morning Break
<b>10:30 am – 12:00 pm</b>	<b>Session III: Research Forum</b>
	<b>Moderators:</b> <i>Emily E. Carmody, MD and Odion Binitie, MD</i>
10:30 am – 11:00 am	Update from MSTS Grant Projects 2017 MSTS/OREF – <i>Benjamin J. Miller, MD, MS</i> 2016 MSTS/OREF – <i>Lukas Nystrom, MD</i> 2016 MSTS/MTF – <i>Thomas J. Scharschmidt, MD</i>
11:00 am – 11:15 am	Discussion/Questions
11:15 am – 11:45 am	Panel: Assessment of Margins in Orthopaedic Oncology <i>Brian E. Brigman, MD, PhD</i> <i>Ginger E. Holt, MD</i>
11:45 am – 12:00 pm	Discussion/Questions
12:00 pm – 1:00 pm	Lunch – MSTS Members Only Business Meeting
<b>1:00 pm – 2:00 pm</b>	<b>Session IV: Career Tools</b>
	<b>Moderators:</b> <i>David M. King, MD and Rosanna Wustrack, MD</i>
1:00 pm – 1:20 pm	Mentorship From Mentee to Mentor <i>Kristy L. Weber, MD</i>
1:20 pm – 1:40 pm	Physician Health – Avoiding Burnout <i>Peter J. Buecker, MD</i>
1:40 pm – 2:00 pm	Panel Discussion/Questions

2:00 pm – 3:20 pm	<b>Session V: Advances in Technology That Can Impact Your Practice</b>	2:40 pm – 3:00 pm	Distraction Osteogenesis and Bone Sarcomas <i>Daniel E. Prince, MD, MPH</i>
	<b>Moderators:</b> <i>Pietro Ruggieri, MD, PhD</i> <i>and Tessa Balach, MD</i>	3:00 pm – 3:20 pm	Discussion/Questions
2:00 pm – 2:20 pm	3D Printing Technology and Oncologic Endoprostheses <i>Daniel Kotrych, MD, PhD</i>	3:20 pm – 3:30 pm	Closing Remarks
2:20 pm – 2:40 pm	Immunology and the Treatment of Sarcomas <i>G. Douglas Letson, MD</i>		

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**AAOS 2019 Annual Meeting**  
March 12 – 16, Las Vegas, Nevada

**AAOS**  
AMERICAN ACADEMY OF  
ORTHOPAEDIC SURGEONS