

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	Welcome <i>R. Lor Randall, MD, FACS, MSTS President</i> <i>Megan E. Anderson, MD, Program Chair</i>
8:05 am – 8:45 am	Session I: MSTS Guest Speaker
8:05 am – 8:35 am	Look for the Light: Applying Space Engineering Techniques to Osteosarcoma Genomics <i>Theresa Beech</i>
8:35 am – 8:45 am	Discussion/Questions

8:45 am – 9:50 am	Session II: Challenging Case: Ask an International Expert
	Moderators: <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. Jeys, MB, ChB, MSc, FRCS (UK)</i> <i>Francis J. Hornicek, MD, PhD (USA)</i>
9:50 am - 10:00 am	Tribute to Henry J. Mankin, MD <i>Mark C. Gebhardt, MD</i>
10:00 am – 10:30 am	Morning Break
10:30 am – 12:00 pm	Session III: Research Forum
	Moderators: <i>Emily E. Carmody, MD and Odion T. Binitie, MD</i>
10:30 am – 11:00 am	Update from MSTS Grant Projects 2017 MSTS/OREF – <i>Adam S. Levin, MD</i> 2016 MSTS/OREF – <i>Lukas M. 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, Eric R. Henderson, MD and Kurt Weiss, MD</i>
11:45 am – 12:00 pm	Discussion/Questions
12:00 pm – 1:00 pm	Lunch – MSTS Members Only Business Meeting
1:00 pm – 2:00 pm	Session IV: Career Tools
	Moderators: <i>David M. King, MD and Rosanna L. 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	Provider Health - Preventing Burnout <i>Peter J. Buecker, MD</i>
1:40 pm – 2:00 pm	Panel Discussion/Questions

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

Focus on Your Learning

Top 10 Learning Opportunities

- 1** **Instructional Courses** allow you to master in-depth experience-based orthopaedic techniques from world-renowned surgeons.
- 2** **Case Presentation Courses** let you engage in table discussions of complex cases with peers and experts, review case data, and hear the final solution.
- 3** **Symposia** inspire your thinking as a panel of surgeons shares leading-edge research shaping changes in practice.
- 4** **Paper Presentations** enable you to explore new and exciting research and advances in orthopaedics.
- 5** **Ask an Expert** offers you an opportunity to present your case challenges to receive expert diagnosis and recommendations.
- 6** **Flash 5®: What's Coming Down the Pike** exposes you to critical takeaways on hot topics during 5-minute presentations.
- 7** **Showdowns®** puts you in the driver's seat as you watch surgeons debate topics and techniques; then YOU determine who wins.
- 8** **The Way I See It...®** lets you hear the faculty's candid opinions on top-of-mind issues.
- 9** **Orthopaedic Video Theater** presents you with high quality and peer reviewed surgical technique videos.
- 10** **Posters** allow you to learn from visual presentations about the latest medical, clinical, or scientific research.

Create a unique experience customized to your needs and specialization

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

AAOS
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ORTHOPAEDIC SURGEONS