

2025 MSTS Specialty Day Program

Program Committee Leadership

Panayiotis Papagelopoulos, MD, FACS, Program Chair

Alan T Blank, MD MS, Vice Chair

Alexander Lazarides MD, Member -At-Large



- 8:00 am–8:05 am Welcome
Rajiv, Rajani MD, MSTS President
Panayiotis Papagelopoulos, MD, FACS, Program Chair
- Musculoskeletal Oncology Unknowns (5 cases)
Presenter: Alexander Lazarides, MD – Moffit Cancer Center, Tampa, FL
- 8:05 am **Session I: Computer Assisted vs Robotic Assisted vs Cutting Guide Assisted Surgery in Orthopedic Oncology**
Moderators: David Joyce, MD – Moffit Cancer Center
Julia Visgauss, MD – Duke University Hospital
- 8:05 am-8:15 am Benefits of Computer Navigation and Robotic-Assisted Surgery in Musculoskeletal Oncology
Presenter: Lee Jeys, MD - Royal Orthopedic Hospital, Birmingham, UK
- 8:15 am-8:25 am Benefits of Resection Cutting Guide Technology in Sarcoma Surgery
Presenter: Valerae Lewis, MD -MD Anderson Cancer Center, Texas
- 8:25 am-8:35 am Is There Still a Role for Pelvic Sarcoma Surgery Without Advanced Technology?
Alan T Blank MD, MS - RUSH MD Anderson Cancer Center, Chicago
- 8:35 am-8:50 am Case Example and Panelist Arguments
- 8:50 am–9:00 am Questions from the audience to the panel
- 9:00 am **Session II: Controversies in Metastatic Bone Disease**
Moderators: Christina Gutowski, MD - Cooper Medical
Tae Won Kim, MD - Morristown Cancer Center, NJ
- 9:00 am-9:10 am Tried and True: Open Surgery for Metastatic Bone Disease of the Pelvis
Presenter: Cory Couch, MD – Mayo Clinic – Rochester, MN
- 9:10 am-9:20 am New and Improved: Percutaneous Treatment of Metastatic Bone Disease to the Pelvis
Presenter: David King, MD - Medical College of Wisconsin, WI

9:20 am-9:30 am	Alternative or Additional Treatments in Metastatic Bone Disease of the Extremities Presenter: Santiago Lozano-Calderon, MD, PhD - Mass Gen., Boston
9:30 am-9:45 am	Case Presentation
9:45 am-9:55 am	Questions from audience
10:00 am–10:30 am	Morning Break
10:30 am	Session III: From Past to Present Technologies Moderators: Nicola Fabbri, MD – NYU Langone Alex Callan, MD - UT Southwestern Dallas, TX
10:30 am-10:40 am	Artificial Intelligence (AI) in Imaging of Musculoskeletal Tumors: What’s Now possible? Presenter: Panos Korfiatis, PhD - Mayo Clinic, Rochester, MN
10:40 am-10:50 am	AI Based Software to Build 3D Models for Surgical Planning and Designing Jigs. Can We Do It Without Engineering Help? Presenter: Manish Agarwal MD, Mumbai, India
10:50 am-11:00 am	The Science and Data Behind These New, Exciting Technological Breakthroughs Presenter: Anthony Bozzo, MD - McGill, Montreal Canada
11:00 am-11:10 am	Advanced Technologies in Military Medicine Presenter: James Flint, MD - Uniformed Services University and UC San Diego
11:10 am–11:20 am	Historical Perspective on Technologies in Orthopedic Oncology Presenter: Mark Scarborough, MD - University of Florida.
11:20 am–11:30 am	Questions from the audience to the panel
11:30 am-12:30 pm	Lunch –MSTSMembersOnly Meeting
12:30pm–1:00 pm	Specialty Day Key-Note Speaker Moderators: Panayiotis Papagelopoulos, MD – Athens, Greece Pietro Ruggieri, MD – University of Padova, Padova, Italy Novel therapies for the treatment of bone and soft tissue sarcomas using genetic signatures, radiomics and immunotherapy Key-Note Speaker: Doug Letson, MD- Moffit Cancer Center, Tampa, FL
1:00 pm-1:10 pm	Questions from the audience
1:10 pm	Session IV: Personalized Care for Sarcoma Moderators: Izu Ibe, MD – University of Mississippi Lor Randall, MD, FACS - UC Davis Health, Sacramento CA

- 1:10 pm-1:20 pm Obtaining a Sarcoma Pathological Diagnosis in the Era of Personalized Medicine
Presenter: Andrew Rosenberg, MD - University of Miami, Miami, FL
- 1:20 pm-1:30 pm Does Personalized Medicine Change Systemic Treatment Options for Sarcoma Patients?
Presenter: Steven Robinson, MD - Mayo Clinic, Rochester MN
- 1:30 pm-1:40 pm Utilizing Personalized Instrumentation & Implants for Sarcoma patients
Presenter: Panayiotis Papagelopoulos, MD - Athens University, Athens, Greece
- 1:40 pm–2:00 pm Afternoon Break
- 2:00 pm **Session V: Research, Education and Mentorship**
Moderators: Alexander Lazarides MD – Moffitt Cancer Center, Tampa FL
H. Thomas Temple, MD - University of Miami
- 2:00 pm-2:10 pm Career Experiences as a Female Orthopedic Oncologist
Anna Khachatryan MD - Scripps MD Anderson Cancer Center, La Jolla CA
- 2:10 pm – 2:55 pm MIB Young Adult Patient Panel- Experiences and Desires For Future Sarcoma Care
Panelists: Christina Ip-Toma, Samantha Ulloa, Kara Skrubis, Matthew Ceelen and Daniel Saptari.
- 2:55 pm– 3:00 pm Sarcoma Strong Grant Update
Presenter: Julia Visgauss, MD – Duke University Hospital
- 3:00 pm-3:05 pm Sarcoma Strong Foundation
Presenter: Mathew DiCaprio, MD – Albany Medical Center, Albany, NY
- 3:05 pm-3:10 pm PERFORM Study Update: The proximal femur resection or internal fixation for metastases (PERFORM) Multicenter Randomized Controlled Trial
Presenter: Michelle Ghert, MD, FRCSC – McMaster University and the University of Maryland
- 3:10 pm – 3:20 pm Questions
- 3:20 pm – 3:25 pm Musculoskeletal Oncology Unknowns (10 cases) Show and Award Presentation.
Presenter: Alexander Lazarides MD – Moffitt Cancer Center, Tampa, FL
- 3:25 pm– 3:30 pm Final Remarks
Panayiotis Papagelopoulos, MD, FACS, Program Chair
Rajiv, Rajani MD, MSTS President

3:30

Adjourn