

2017 MSTS Annual Meeting
Preliminary Program - Subject To Change

September 27 - 29, 2017
 Grand Hyatt Denver
 Denver, CO

Kevin A. Raskin, MD, Program Chair
Robert H. Quinn, MD, MSTS President

Educational Goals and Objectives

At the conclusion of this CME activity, the attendee should be able to:

- Identify applications of limb-salvage surgery in non-oncologic patients.
- Increase understanding of applications, limitations, and regulations of custom and 3-D printed prostheses.
- Update recent progress in basic science research as it relates to musculoskeletal oncology.
- Review and update the collaborate work being done and further identify future collaborative efforts for the society.
- Address pain management for Orthopaedic Oncology patients in 2017.

Wednesday, September 27, 2017

1:00 PM - 5:30 PM	Registration
1:00 PM - 5:00 PM	Poster Exhibit Set-up
1:00PM - 5:00 PM	Technical Exhibit Set-up
6:00 PM - 8:00 PM	Welcome Reception

Thursday, September 28, 2017

5:30 AM - 5:30 PM	Registration	
7:00 AM - 8:30	Breakfast	
7:00 AM - 5:30 PM	Poster/Technical Exhibits	
10:00 AM - 10:20 AM	Product Theater - Exactech, Inc.	
1:50 PM - 2:45 PM	MSTS Business Meeting - open to MSTS members only	
2:55 PM - 3:15 PM	Product Theater - Onkos Surgical, Inc.	
2:45 PM - 3:30 PM	Poster Viewing - Question & Answer	
7:45 AM	Welcome	Kevin A. Raskin, MD and Robert H. Quinn, MD

Session I: Topic Extremity Surgery: Endoprosthetics and Allografts

Moderators: Kathleen Beebe, MD and Lee Rodney Leddy, MD			
8:00 AM - 8:07 AM	Paper 1	Cemented Versus Uncemented Endoprostheses Following Resection Of Sarcoma: A Meta-Analysis Of Implant Survival And Aseptic Loosening	Valdis Lelkes, MD
	Paper 2	The Value Of Constrained Cups To Prevent Instability After Pelvic And Proximal Femur Complex Tumor Surgery	Nicola Fabbri, MD
8:14 AM - 8:21 AM	Paper 3	What Is The Incidence Of Acetabular Erosion Following Hemiarthroplasty Endoprosthetic Reconstruction Of The Proximal Femur And Does It Affect Outcome?	Matthew Thomas Houdek, MD
8:21 AM - 8:28 AM	Paper 4	Long Term (>15 Year) Outcomes Of All-Polyethylene Tibial Components For Endoprosthetic Reconstructions Of The Femur	Nicholas M. Bernthal, MD
8:28 AM - 8:35 AM	Paper 5	Evaluation Of The Olecranon-Ulnar (Ou) Angle In Preoperative Planning Of Distal Humeral Replacement	Caleb Yeung, MD
8:35 AM - 9:00 AM		Moderated Discussion	
Session II: Topic Extremity Surgery: Endoprosthetics and Allografts			
Moderators: Pietro Ruggieri, MD, PhD and Francis J. Hornicek, MD			
9:00 AM - 9:07 AM	Paper 6	Lower Limb Reconstruction For Primary Bone Tumors In Children	Patrick Francis Curran, MD, MS
9:07 AM - 9:14 AM	Paper 7	Vascular Graft Reattachment Of Extensor Mechanism Fixation In Proximal Tibial Endoprosthetic Reconstruction	Odion Binitie, MD
9:14 AM - 9:21 AM	Paper 8	Massive Allografts Reconstruction Restores More Bone Stock Than Endoprostheses After A Femoral Non-Oncologic Failure.	Jose Ignacio Albergo, MD

9:21 AM - 9:28 AM	Paper 9	The Reverse Reamed Intercalary Allograft: A Surgical Technique	Benjamin Wilke, MD
9:28 AM - 9:35 AM	Paper 10	Revitalization And Accelerated Structural Allograft Union In Femoral Intercalary Reconstructions With A Vascularized Periosteal Flap. A Preclinical Study.	Roberto Velez, PHD, MD
9:35 AM - 10:00 AM		Moderated Discussion	
10:00 AM - 10:20 AM		Product Theater - Exactech, Inc.	Maroon Peak - 2nd floor
10:00 AM - 10:30 AM	Break	Colorado Ballroom - 2nd Floor	
Session III: Topic Complications : Saving a Limb-Salvage			
Moderators: Eric R. Henderson, MD and Herrick Siegel, MD			
10:30 AM - 10:38 AM	Paper 11	The Long-Term Survival Of Mega- Endoprosthetic Reconstructions After Two- Stage Revision Surgery For Periprosthetic Joint Infection	Wylie Y. Lopez, MD
10:38 AM - 10:46 AM	Paper 12	One Stage Revision With Placement Of Local Antibiotic Carrier In The Treatment Of modular Oncologic Joint Reconstruction	Herrick Siegel, MD
10:46 AM - 10:54 AM	Paper 13	Treatment Of Chronic Prosthetic Joint Infection And Concomitant Lengthening In Revision Distal Femur Replacement After Large Tumor Resection: A Case Report	Ridhi Sachdev
10:54 AM - 11:15 AM		Moderated Discussion	
11:15 AM - 11:23 AM	Paper 14	A Collaborative Research Survey For The Establishment Of The International Endoprosthesis Registry For Sarcoma Treatment (Interest) Study Group.	Roberto Velez, PHD, MD
11:23 AM - 11:31 AM	Paper 15	Is Malnutrition Associated With Postoperative Complications In Patients With Primary Bone Sarcomas?	Andrew Park

10:31 AM - 11:38 AM	Paper 16	Bulk Allograft Is More Susceptible To Infection Than Is Stainless Steel Or Cancellous Allograft Using A Mouse Model Of Infection	Nicholoas M. Bernthal, MD
11:38 AM - 12:00 PM		Moderated Discussion	
12:00 PM - 1:00 PM	Lunch	Colorado Ballroom - 2nd Floor	
Session IV: Topic Soft Tissue Sarcoma			
Moderators: Ginger E. Holt, MD and Kenneth Gundle, MD			
1:00 PM - 1:07 PM	Paper 17	Soft Tissue Sarcoma And Time To Treatment: An Analysis Of The National Cancer Database	Gannon Curtis, MD
1:07 PM - 1:14 PM	Paper 18	Vacuum-Assisted Closure In Sarcoma Resection May Improve Wound Complication Rates In Proximal Lower Extremity Tumors Treated With Preoperative Radiation	Meena Bedi, MD
1:14 PM - 1:21 PM	Paper 19	Morbid Obesity Significantly Increases The Risk Of Postoperative Wound Complications Following Upper Extremity Limb Salvage Surgery	Matthew Thomas Houdek, MD
1:21 PM - 1:28 PM	Paper 20	Does The Modality Of Radiation Therapy Used To Treat Liposarcomas Of The Extremities Impact The Outcome?	Andrew Park
1:28 PM - 1:35 PM	Paper 21	Soft Tissue Sarcoma Of The Extremities: The Value Of Treatment At High-Volume Centers	Alexander Leandros Lazarides, MD
1:35 PM - 1:50 PM		Moderated Discussion	
1:50 PM - 2:45 PM		MSTS Business Meeting - MSTS Members Only	
2:30 PM - 3:30 PM		Break	Colorado Ballroom - 2nd Floor
2:55 PM - 3:15 PM		Product Theater - Onkos Surgical, Inc.	Maroon Peak - 2nd floor
2:45 PM - 3:30 PM		Poster Viewing & Question Session	Colorado Ballroom - 2nd Floor

Session V: Topic Metastatic Bone Disease: Surgical Management and Novel Ideas

Moderators: Wakenda K. Tyler, MD, MPH and David S. Geller, MD

3:30 PM - 3:37 PM	Paper 22	Surgical Management Of Femoral Metastases In The Era Of Biologics: A Shifting Paradigm	Christina J. Gutowski, MD
3:37 PM - 3:44 PM	Paper 23	Mid-Term Results Of Patients Treated With Porous Tantalum Acetabular Implants For Non-Primary Periacetabular Lesions	Matthew Thomas Houdek, MD
3:44 PM - 3:51 PM	Paper 24	What Are The Short Term Costs Associated With Endoprosthetic Reconstruction Versus Surgical Fixation Of Bone Metastases From Renal Cell Carcinoma?	Syed Mohammed Karim, MD
3:51 PM - 3:58 PM	Paper 25	Critical Analysis Of Prophylactic Stabilization For Osseous Metastatic Disease In Long Bones With Low Mirels Scores	Adam S. Levin, MD
3:58 PM - 4:05 PM	Paper 26	Clinical Characteristics Of Acral Metastases	Keith Aziz, MD
4:05 PM - 4:12 PM	Paper 27	Operative Treatment Of Non-Primary Tumors Of The Acetabulum: Is A New Classification System Needed?	Matthew Thomas Houdek, MD
4:12 PM - 4:30 PM		Moderated Discussion	

Session VI: Topic Quality of Life and Outcomes after Musculoskeletal Tumor Surgery

Moderators: Lawrence R. Menendez, MD and Scott Edward Porter, MD

4:30 PM - 4:37 PM	Paper 28	The Impacts Of Diagnosis And Surgical Acuity On Patient-Reported Outcomes Using Promis In Operative Patients With Malignant And Benign Tumors As Compared To Orthopaedic Trauma Patients And The U.S. Population.	Anna R Cooper, MD, MPH
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4:37 PM - 4:44 PM	Paper 29	A Comparison Of Limb Salvage Versus Amputation For Non-Metastatic Sarcomas Using Promis Outcomes	Benjamin Wilke, MD
4:44 PM - 4:51 PM	Paper 30	Concurrent Validity And Responsiveness Of The Timed Up And Go Test (Tug) And The 10 Meter Walk Test (10Mwt) In Orthopaedic Oncology Patients	Alexandra K. Callan, MD
4:51 PM - 4:58 PM	Paper 31	Oncologic And Functional Outcomes Of Iliosacral Resection Without Reconstruction For Primary Bone Tumours	Kenneth Gundle, MD
4:58 PM - 5:05 PM	Paper 32	Results Of Promis Physical Functional And Pain Interference Scores In Surgically Treated Patients With Metastatic Bone Disease: Analysis After Early Patient Enrollment In A Multicenter, Prospective Study.	Alan Blank, MD, MS
5:05 PM - 5:20 PM		Moderated Discussion	
5:20 PM		Meeting Adjourns	
Social Event - Underwater Adventure - Downtown Aquarium			
	6:00 PM & 6:15 PM	Buses Depart from Grand Hyatt Denver to Aquarium - two departure times	
	8:30 PM - 10:00 PM	Buses Return to Grand Hyatt Denver - Every 30 minutes beginning at 8:30 PM	
Friday, September 29, 2017			
7:00 AM- 8:30 AM	Breakfast		
6:00 AM - 8:30 AM	Registration		
7:30 AM - 7:50 AM	Product Theater - Onkos Surgical, Inc.		
7:00 AM - 11:00 AM	Poster/Technical Exhibits		
8:00 AM - 9:00 AM	President's Lecture - Speaker - Nicole Ehrhart, VMD, MS		
10:00 AM - 10:20 AM	Product Theater - Zimmer Biomet		
Session VII: Topic AJCC Review for Orthopaedic Oncology & Basic Science Research			
Moderators: Justin E. Bird, MD and Peter S. Rose, MD			

9:00 AM - 9:14 AM	Paper 33	AJCC 8Th Edition Bone And Soft Tissue Tumor Updates Mini-Symposia For MSTs Members	Jeffrey S Kneisl, MD
9:14 AM - 9:21 AM	Paper 34	Stability And Instability In Ewing Sarcoma: The Relationship Between Dna Repair And P53	Robert Carl Weinschenk, MD
9:21 AM - 9:28 AM	Paper 35	Oxygen Sensing By T Cells Establishes An Immunologically Favorable Metastatic Niche	David Clever
9:28 AM - 9:35 AM	Paper 36	Osteoblast Inhibition Is A Novel Mechanism For Development Of Osteolytic Lesions In Renal Cell Bone Metastasis	Robert L Satcher Jr, MD
9:35 AM - 10:00 AM		Moderator Discussion	
10:00 AM - 10:20 AM		Product Theater - Zimmer Biomet	Maroon Peak - 2nd floor
10:00 AM - 10:20 AM		Break	Colorado Ballroom - 2nd Floor

Session VIII: Topic Basic Science/Research

Moderators: Kurt Weiss, MD and Michelle Ghert, MD, FRCSC

10:30 AM - 10:37 AM	Paper 37	Precision Medicine For The Treatment Of Osteosarcoma: Atrx Deficiency Predicts Enhanced Sensitivity To Rtrail	Julia Dawn Visgauss, MD
10:37 AM - 10:44 AM	Paper 38	The Most Cited Articles In Orthopaedic Oncology	Akash K. Shah, MD
10:44 AM - 10:51 AM	Paper 39	An Update On The Transcutaneous Osseointegration Experience In The United States	Rashmi Agarwal, MD
10:51 AM - 10:58 AM	Paper 40	Targeted Muscle Reinnervation: A Strategy To Prevent Neuroma And Phantom Limb Pain In Oncologic Amputees	John Alexander, MD
10:58 AM - 11:05 AM	Paper 41	F-18 Fdg Pet Differentiation Of Benign From Malignant Chondroid Neoplasms: A Systematic Review Of The Literature.	Juan Abelardo Augusto Pretell, MD
11:05 AM - 11:20 AM		Moderated Discussion	

Session IX: Topic New Ideas: Making " Impossible" - Possible

Moderators: Nicola Fabbri, MD and Adam Lindsay, MD			
11:20 AM - 11:27 AM	Paper 42	Management Of Recurrent Desmoid Fibromatosis Of The Upper Extremity	Erik T. Newman, MD
11:27 AM - 11:34 AM	Paper 43	"Is Surgery Justified In Aggressive Fibromatosis If We Are Supposed To Live Along With It?" Treatment Outcomes In 51 Patients	Harzem Orgzer, MD
11:34 AM - 11:41 AM	Paper 44	High Local Recurrence Rate For Giant Cell Tumor Of Bone After Neoadjuvant Denosumab Treatment	Yee-Cheen DOUNG, MD
11:41 AM - 11: 55 AM		Moderated Discussion	Aspen Ballroom - 2nd Floor
11:55 AM - 12:02 PM	Paper 45	A Comparison Of Outcome Of Treatment Paradigms For Sacral Chordoma: Does Preoperative Radiation Improve Outcome?	Matthew Thomas Houdek, MD
12:02 PM - 12:09 PM	Paper 46	Clinical Outcomes Of Vascularized Fibular Graft For Treatment Of Late Radiation-Induced Complications In Long Bones	Mohamed Ahmed Yakoub
12:09 PM - 12:16 PM	Paper 47	Computer-Assisted Surgery In Orthopedic Oncology. Indications And Results Of 164 Procedures.	Jose Ignacio Albergo, MD
12:16 PM - 12:30 PM		Moderated Discussion	Aspen Ballroom - 2nd Floor
12:30 PM - 1:00 PM	Discussant: Best Paper Award		
12:30 PM - 1:00 PM	Discussant: Best Poster Award		
1:00 PM	<i>Meeting Adjourns</i>		

Thank you for attending the 2017 MSTs Annual Meeting. Contact info@msts.org if you have any questions or additional comments you wish to share.