



AGENDA LIVE WEBINAR

May 7, 2021

6:20 am- 8:45 am

Annual Meeting Co-Chairs

Patrick Horrigan, MD, Regions Hospital

Emily Monroe, MD, Heartland Orthopedics

Arjun Sebastian, Mayo Clinic Rochester

Learning Objectives:

As a result of participating in the meeting, learners should be able to:

1. Explain the purpose of pursuing a bundles payment strategy.
2. Review the pitfalls that may occur when a bundle payment well executed matures.
3. Describe the epidemiology of the SARS-CoV-2 infection.
4. Describe what public health strategies can be used to reduce SARS-CoV-2 transmission.
5. Understand how the world will likely look one year from now as a result of the pandemic.

6:05 am Registration, Login and Visit Exhibitor Webpage

6:20 am Welcome and Introductions

6:30 am Heritage Lecturer

Bundle Payments: The Good, the Bad and the Ugly

Alexander R. Vaccaro, M.D., PhD, MBA

Richard H. Rothman Professor and Chairman, Department of Orthopaedic Surgery

Professor of Neurosurgery

Co-Director, Delaware Valley Spinal Cord Injury Center

Co-Chief of Spine Surgery

Sidney Kimmel Medical Center of Thomas Jefferson University

President, Rothman Orthopaedics

7:15 am Presidential Lecture

The COVID Pandemic: The Evolving Reality

Michael T. Osterholm, PhD, MPH

Regents Professor, Director CIDRAP

University of Minnesota

8:15 am MOS Business Meeting

Amy Moeller, MD, President, Minnesota Orthopaedic Society

Advocacy Update, David Renner, Lobbyist, Minnesota Orthopaedic Society

8:45 am Adjourn

Attendees are invited to visit, www.mnorthopaedic.org to continue the program online.

Evaluation Form Link: <https://www.surveymonkey.com/r/C57DR9V>

AGENDA FOR WEB BASED PROGRAM



The Minnesota Orthopaedic Society would like to thank the OREF for their generous contribution towards the OREF Resident Award.

Session 1: General

Interpreting the Knee Osteoarthritis Outcome Score for Joint Replacement: Minimum Clinically Important Difference Values Vary Over Time Within the Same Patient Population.	<i>Guy Guenther, BS</i>
Interpreting the Hip Osteoarthritis Outcome Score for Joint Replacement: Minimum Clinically Important Difference Values Vary Over Time Within the Same Patient Population.	<i>Guy Guenther, BS</i>
Generalized Joint Hypermobility in Association with Musculoskeletal Symptoms: A Systematic Review.	<i>Melissa Albersheim, MD</i> OREF Resident Award Recipient

Session 2: Practice Management and COVID

Learner Preferences and Perceptions of Virtual Hand Surgery Education During COVID-19: Survey Study of an Online Flipped Classroom Curriculum.	<i>John Bartoletta, BCompE</i>
Hand Surgery Patient Perceptions of Telemedicine During COVID-19.	<i>John Bartoletta, BCompE</i>
Hand Surgery During the COVID-19 Pandemic: Clinical Care Best Practices.	<i>John Bartoletta, BCompE</i>
Chronic Pain Patients Do Not Require Different Prescribing Protocol When Compared to Non-Chronic Pain Patients for WALANT.	<i>Alexander Vasconcellos, MD</i> OREF Resident Award Recipient
Insights on Patient Loss to Market Data in a Single Private Orthopedic Practice.	<i>Cyrus M. Nourae, BS</i>
The Impact of COVID-19 Surgical Delays on Opiate Usage in Orthopedic Surgery.	<i>Jacob J. Schaefer, BS</i>

Session 3: Trauma

The Subscapular Flail Chest - Rib Fractures Associated with Operative Scapula Fractures.	<i>Claire N Thomas, BS</i>
The Rib Fracture Map - From High-Energy Mechanisms of Injury.	<i>Claire N Thomas, BS</i>
3D Printing of Forequarter Malunion from Lateral Implosion Injury.	<i>Claire N Thomas, BS</i>
Analysis of Patient Comments on Patient-Reported Outcome Surveys in Orthopaedic Trauma.	<i>Timothy Carlson, BA</i>
Outcomes of Uninfected Hip Fracture Patients During the Acute and Subacute COVID-19 Pandemic.	<i>Lauren N. Topor, BS</i>
Pre-Operative Opioid Use is Associated With Increased Post-Operative Opioid Requirement After Ankle Fracture Fixation But Not With Worse Patient-Reported Outcomes.	<i>Nicholas Reiners</i>
Radiographic Displacement and Joint Space Narrowing after Arthroscopic-Assisted Percutaneous Fixation compared to Open Reduction Internal Fixation of Tibial Plateau Fracture.	<i>Kelly Edwards, BS</i>
The Role of 3D Printing in Orthopaedic Malunion and Nonunion Surgery.	<i>Claire N Thomas, BS</i>
Incidence of Infection in Operatively Treated Distal Radius to Internal Fixation.	<i>Erik M. Fritz, MD</i>

Session 4: Pediatrics and Scoliosis

Do Nails and Nubbins matter? A Comparison of Symbrachydactyly and Transverse Deficiency Phenotypes.	<i>Lucas Ray, BS</i>
The Learning Curve in CT-Guided Navigated Thoracoscopic Vertebral Body Tethering.	<i>Smitha E. Mathew, MBBS</i>
Controversial Cases in Symbrachydactyly and Cleft Hand.	<i>Caroline Hu, MD</i>
Do SRS-22R Outcomes Improve after Vertebral Body Tethering?	<i>Smitha E. Mathew, MBBS</i>
Sublaminar Band Posterior Fusion for AIS Results in Greatest Improvement in Alignment and Stable Outcomes >5 Years.	<i>Kyrsten M Rowen</i>
Comparison of Standing, Supine, and Fulcrum Radiographs for Assessment of Curve Flexibility in Adolescent Idiopathic Scoliosis (AIS).	<i>Lauren Swany, BA</i>
Does UIV Affect Postoperative Pain Scores for AIS Patients with Thoracic Curve Patterns?	<i>Smitha E. Mathew, MBBS</i>
Inter-Rater Reliability and Accuracy of Sanders Skeletal Maturity Staging System When Used by Surgeons Performing Vertebral Body Tethering.	<i>Lauren Swany, BA</i>
Is Nighttime Bracing Effective in the Treatment of Adolescent Idiopathic Scoliosis? A Meta-Analysis and Systematic Review based on Scoliosis Research Society Guidelines.	<i>Abdul Fettah Buyuk, MD</i>
Does Casting/Bracing Prevent Curve Progression in EOS Patients with Connective Tissue Disease?	<i>Smitha E. Mathew, MBBS</i>
Thoracic Paravertebral Nerve Catheter Improves Postoperative Pain for Vertebral Body Tethering Patients.	<i>Smitha E. Mathew, MBBS</i>
Prioritizing Elective Surgical Cases During a Pandemic or Global Crisis: The Elective-Pediatric Orthopedic Surgical Timing (E-POST) Score.	<i>Walter H Truong, MD</i>
Does Aggressive Tensioning of the PET Cord Affect Curve Correction and Cord Breakage in Scoliosis Patients Undergoing Vertebral Body Tethering?	<i>Smitha E. Mathew, MBBS</i>

Session 5: Adult Spine

Sacroiliac Joint Fusion Navigation: How accurate is Pin Placement?	<i>Shea Comadoll, MD</i>
Sagittal Radiographic Parameters in the Presence of Lumbosacral Transitional Vertebra (LSTV): Relationships Between Measurements Using the Upper vs Lower Transitional Vertebra.	<i>Cole J Homer, BS</i>
Patient Reported Outcomes Following Revision of Sacroiliac Joint Fusion.	<i>Levi Brown, MD</i>
Chance Fracture Pattern Presenting in Proximal Junctional Failure: A Case Series.	<i>Shea Comadoll, MD</i>
Simultaneous Sacroiliac Joint Fusion during Pelvic Fixation for Adult Deformity Surgery - A Case Report Series and Technique Description.	<i>Kenneth J. Holton, MD</i>
Catastrophic Acute Failure of Pelvic Fixation in Adult Spinal Deformity Requiring Revision Surgery: A Multi-Center Review of Incidence, Failure Mechanisms, and Risk Factors.	<i>Christopher T. Martin, MD</i>
2D Long Film O-Arm Imaging, an Alternative When Fluoroscopy is Inadequate.	<i>Bryan Ladd, MD</i>

Motorized Hinged Operating Table Facilitated Sagittal Correction After Spinal Osteotomies Using Smith Petersen Osteotomies (SPO) and Transforaminal Lumbar Interbody Fusion (TLIF).	<i>Kenneth J. Holton, MD</i>
Prospective Evaluation of Pedicle Screw Placement Using O-arm and STEALTH for Time of Screw Placement and Rate of Intra-Operative Repositioning.	<i>Kenneth J. Holton, MD</i>
Acute Failure of S2-Alar-Iliac Pelvic Fixation Following Adult Deformity Correction.	<i>Christopher T. Martin, MD</i>

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- Arjun Sebastian, MD: **Consultant:** Depuy Synthese, CTL and Amedica **Research Support:** Depuy Synthes
- Christopher Martin, MD: **Research Support:** SI-Bone, AO Spine and Medtronic
- Alexander Vaccaro, MD: **Stock Holder:** Advanced Spinal Intellectual Properties; Atlas Spine; Avaz Surgical; Bonovo Orthopaedics; Computational Biodynamics; Cytonics; Deep Health; Dimension Orthotics LLC; Electrocore; Flagship Surgical; FlowPharma; Globus; Innovative Surgical Design; Insight Therapeutics; Jushi; Nuvasive; Orthobullets; Paradigm Spine; Parvizi Surgical Innovation; Progressive Spinal Technologies; Replication Medica; Spine Medica; Spinology; Stout Medical; Vertiflex; ViewFi Health

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