

ISTA Emerging Technologies in Arthroplasty Program

<b>International Society for Technology in Arthroplasty</b>		
<b>ISTA ETA Program</b>		
<b>Saturday, 15 May, 2021</b>		
<b>Session / Presentation Title</b>	<b>Speakers / Moderators</b>	<b>Speaker / Moderator Affiliation</b>
Emerging Technologies in Arthroplasty Planning and Execution - Part 1	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
Subchondral Bone Condition and Intraoperative Grading of Cartilage Degeneration Underneath Patella Were Not Related to the Clinical Outcome After TKA With Unresurfaced Patella.	Hyung Jun Park, MD, PhD	Boramae Hospital, Seoul, South Korea
Conversion of Sagittal Functional Safe Zone to Coronal Plane Using a Validated Mathematic Algorithm: The Reason to Failure of Lewinnek Safe Zone	Hao Tang, MD, PhD	Beijing Jishuitan Hospital, Beijing, China
Total Knee Arthroplasty Pre-Planning Tool to Restore Native Kinematics With Standard Cruciate-Retaining Implants	David Leandro Dejtiar, MSc	Materialise N.V., Leuven, Belgium
Discussion		
Emerging Technologies in Arthroplasty Planning and Execution - Part 2	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
5 things I wish I knew before starting my translational journey	Martin Roche, MD	HSS Florida, West Palm Beach, Florida, USA
Registration of Knee Kinematics With a Navigation System. a Validation Study	Jean-Yves Jenny, MD	University Hospital Strasbourg, Strasbourg, France
Imageless, Computer-Assisted Navigation Improves Acetabular Component Positioning Precision in Revision Total Hip Arthroplasty	John M. Dundon, MD	Orthopedic Institute of New Jersey, Sparta, New Jersey, USA
Discussion		
Emerging Technologies in Arthroplasty Planning and Execution - Part 3	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
Do Robotic or Navigated TKA Systems Reduce Revision Rates Enough to Reduce Overall Costs?	Matthew Hickey, BEng	The University of British Columbia, Vancouver, British Columbia, Canada
Novel Robotic Soft Tissue Protecting Cutter for Bone Resections in Total Knee Arthroplasty	Stijn Herregodts	Ghent University, Ghent, Belgium
GPS Navigation System Allows the Surgeon to Prepare the Implant Site as Planned on Preoperative Software in Reverse Shoulder Arthroplasty.	Andrea Giorgini, MD	Policlinico di Modena, Modena, Italy
Discussion		
Emerging Technologies in Arthroplasty Implant Design and Patient Follow-up - Part 1	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
5 things I wish I knew before starting my translational journey	Susannah Clarke, PhD	Imperial College London, London, United Kingdom
Clinical Use of a Wireless Load Sensing Humeral Liner Trial in Reverse Total Shoulder Arthroplasty: Reported Load Differences Between 38mm and 42mm Liner Sizes	Alexander Greene, BS	Exactech, Inc, Gainesville, Florida, USA
The First Clinical Experiences With an Anatomical Shaped Artificial Medial Meniscus Prosthesis for the Knee	Tony Van Tienen, MD, PhD	Laurentius Hospital Roermond, Roermond, Netherlands
OSSTEC: Regenerative Orthopaedic Implants With Reduced Revision Risk	Maxwell Munford, MEng	Imperial College London, London, United Kingdom
Discussion		
Emerging Technologies in Arthroplasty Implant Design and Patient Follow-up - Part 2	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
Improved Clinical Outcomes of Outpatient Enhanced Recovery Hip and Knee Replacements in Comparison to Standard Inpatient Procedures: a Study of Patients Who Experienced Both	Alexandre Hardy, MD	Université de Montréal, Montréal, Quebec, Canada
Feasibility of Passively Collected Gait Parameters Using a Smart-Phone Based Care Platform Following Total Hip and Knee Arthroplasty	Jared Foran, MD	Panorama Orthopedics, Golden, Colorado, USA
Passive Data Collection Across the 6-Week Episode of Care, the Next Evolution in Contemporary Patient Outcomes Monitoring in Total Knee Arthroplasty.	Jess Lonner, MD	Rothman Orthopaedic Institute, Philadelphia, Pennsylvania, USA
The Recovery Curve for Physical Activity Following Primary Knee Arthroplasty Using Passively Collected Objective Measures With a Smart-Phone Based Case Platform and Smart Watch.	Craig L Israelite, MD	University of Pennsylvania, Philadelphia, Pennsylvania, USA
Discussion		
Shark Tank	Jonathan Jeffers, PhD	Imperial College London, London, United Kingdom
	Vani Sabesan, MD	Palm Beach Shoulder Service, Atlantis Orthopaedics, Palm Beach Gardens, Florida, USA
	Martin Roche, MD	HSS Florida, West Palm Beach, Florida, USA
	Susannah Clarke, PhD	Imperial College London, London, United Kingdom
Initial Clinical Experience With Predict+, a New Clinical Decision Support Tool for Shoulder Arthroplasty	Christopher Roche, MSE, MBA	Exactech, Inc., Gainesville, Florida, USA
Discussion		
HipInsight: The Worlds First Augmented Reality Based Navigation System for Joint Arthroplasty	Patrick Lane	Surgical Planning Associates, Boston, Massachusetts, USA
Discussion		
A Total Knee Arthroplasty Prosthesis Capable of Remote Patient Monitoring	Fred Cushner, MD	Hospital for Special Surgery, New York, New York, USA
Discussion		
Implant Identifier	Parth Desai, MD	Devise Health, New Orleans, Louisiana, USA
Discussion		