



# ORTHOPEDIC

## SRS 2024

### FRIDAY, JUNE 21 • WISTERIA

#### DAY 1: 1:30PM - 5:30PM

<b>1:30pm - 2:45pm</b>	<b>KNEE ROBOTICS</b> Moderator: William Long				
<b>1:30pm</b>	Zimmer <i>Chris Cannova</i>				
<b>1:38pm</b>	Depuy <i>Spencer Summers</i>				
<b>1:46pm</b>	Corin / OmniBot <i>Stefan Kreuzer</i>				
<b>1:54pm</b>	Stryker <i>Martin Roche</i>				
<b>2:02pm</b>	Think <i>Jeff Reeves</i>				
<b>2:10pm</b>	Microport <i>Theofilos Karachalios</i>				
<b>2:18pm</b>	Smith & Nephew <i>Steven Haas</i>				
<b>2:26pm</b>	Smith & Nephew Revision <i>Jamie Carvajal</i>				
<b>2:26pm - 2:45pm</b>	<b>Q&amp;A</b>				
<b>2:45pm - 4:20pm</b>	<b>THE EVOLVING TARGETS WITH IMPROVED ROBOTIC PRECISION</b> Moderator: Steven Haas				
<b>2:45pm</b>	Are Phenotypes Predictable <i>Morteza Meftah</i>				
<b>2:53pm</b>	Defining Soft Tissue Balance Objectively <i>Stefan Kreuzer</i>				
<b>3:01pm</b>	The Evolving Boundaries of Alignment <i>Ramakanth Yakkanti</i>				
<b>3:09pm</b>	Sagittal Balance in Robotic Knees <i>Thomas Bernasek</i>				
<b>3:17pm</b>	Coronal Balance in Robotics <i>William Long</i>				
<b>3:25pm</b>	Safe Zones for Pin Placement <i>Victor Hugo Hernandez</i>				
<b>3:33pm</b>	Advances in Cutting Technologies <i>Riaz Khan</i>				
<b>3:51pm - 4:05pm</b>	Discussions				
<b>4:05pm - 4:20pm</b>	<b>BREAK</b>				
<b>4:20pm - 5:00pm</b>	<b>CASE PRESENTATIONS</b> Moderators: Thomas Bernasek, Steven Haas, Christopher Cannova				
<b>4:20pm - 4:28pm</b>	<i>Spencer Summers</i>				
<b>4:28pm - 4:36pm</b>	<i>Ramakanth Yakkanti</i>				
<b>4:36pm - 4:42pm</b>	<i>Jeff Reeves</i>				
<b>4:42pm - 4:50pm</b>	<i>Theofilos Karachalios</i>				
<b>4:50pm - 5:00pm</b>	<i>Brian Allen</i>				
<b>5:00pm - 5:30pm</b>	<b>ORAL PRESENTATIONS</b> 5-minute oral presentation or video/2-minute Q&A				
	- Enhancing Total Knee Arthroplasty Outcomes: The Role of Individualized Femoral Sagittal Alignment in Robotic-Assisted Surgery <i>Wei Huang</i>				
	- Reduction in the Need for Constrained Prostheses in Complex Total Knee Arthroplasty with Robotic-TKA <i>Ke Li</i>				
	- Comparison of Early Clinical Outcomes of Robot-Assisted Functional Alignment and Traditional Manual Mechanical Alignment Total Knee Arthroplasty <i>Ke Li</i>				
	- Introduction to Laser Bone Shaping: Transforming Robotic Knee Arthroplasty with an Advanced Precision Laser <i>Riaz Khan</i>				
	- Mechanism of Laser Bone Shaping: Technical Insights and Clinical Implications of a Laser in Knee Arthroplasty <i>Riaz Khan</i>				
	- Intraoperative Mapping in Laser Bone Shaping: Real-Time Sensing and Improved Precision in Knee Arthroplasty Procedures <i>Riaz Khan</i>				
	<b>Adjourn</b>				
<b>JOINTS</b>	Stryker Zimmer Smith & Nephew Microport	<b>SPINE</b>	Stryker Medtronic Globus Zimmer	<b>ASSISTED ROBOTICS</b>	Humanoid Robotics Rehabilitative AR-VR



# ORTHOPEDIC

## SRS 2024

SATURDAY, JUNE 22 • WISTERIA

### DAY 2: 1:30PM - 5:18PM

<b>1:30pm - 2:10pm</b>	<b>INTEGRATED ROBOTIC VISUAL TECHNOLOGIES</b> Moderator: Morteza Meftah
<b>1:30pm</b>	<b>AR/ VR The New Frontier</b> <i>David Backstein</i>
<b>1:38pm</b>	<b>AR-VR in THR</b> <i>Kevin Wang</i>
<b>1:46pm</b>	<b>AR-VR in Knees</b> <i>Raul Gosthe</i>
<b>1:54pm</b>	<b>AR-VR for Pain Control</b> <i>Gerry Stanley</i>
<b>2:02pm</b>	<b>Regional Nerve Blocks Accelerated Recovery</b> <i>Jean-Pierre Ouanes</i>
<b>2:10pm</b>	<b>Techniques and Technologies in Robotic Joint Rehab</b> <i>Jorge Giral</i>
<b>2:17pm - 2:57pm</b>	<b>THE FUTURE OF DATA</b> Moderator: David Mayman
<b>2:17pm</b>	<b>The Use of Ai and Language Models (ChatGpt)</b> <i>Tsun Law</i>
<b>2:25pm</b>	<b>Advancing Tracking and Data Collection</b> <i>Morteza Meftah</i>
<b>2:33pm</b>	<b>The Value of Wearables and Data</b> <i>Victor Hugo Hernandez</i>
<b>2:41pm</b>	<b>The Value of Robotic Data</b> <i>Ugo Ihekweazu</i>
<b>2:49pm</b>	<b>The Future of Smart Implants</b> <i>Christopher Cannova</i>
<b>2:57pm</b>	<b>Q&amp;A</b>
<b>3:09pm - 4:15pm</b>	<b>ROBOTIC APPLICATIONS IN THE HIP</b> Moderator: Victor Hugo Hernandez
<b>3:09pm</b>	<b>Mako</b> <i>Nick Schraut</i>
<b>3:17pm</b>	<b>Cori</b> <i>Jamie Carvajal</i>
<b>3:25pm</b>	<b>Rosa</b> <i>Charles Lawrie</i>
<b>3:33pm</b>	<b>Obtaining Balance with Hip Robotics</b> <i>Anay Patel</i>
<b>3:41pm</b>	<b>Integrated Spinal Imaging</b> <i>David Mayman</i>
<b>3:56pm - 4:15pm</b>	<b>Q&amp;A COFFEE</b>
<b>4:15pm - 5:18pm</b>	<b>ROBOTIC ASSISTED PARTIAL KNEE ARTHROPLASTY</b> Moderator: Stefan Kreuzer
<b>4:15pm</b>	<b>The Mako Medial Uni</b> <i>David Mayman</i>
<b>4:23pm</b>	<b>The Mako Lateral Uni</b> <i>Martin Roche</i>
<b>4:31pm</b>	<b>The Cori Medial Uni</b> <i>Steven Haas</i>
<b>4:39pm</b>	<b>The Depuy Medial Uni</b> <i>Ugo Ihekweazu</i>
<b>4:47pm</b>	<b>The ACL Preserving TKR</b> <i>Steven Haas, Chow</i>
<b>4:55pm</b>	<b>Robotic Conversion of Uni's</b> <i>John Wang</i>
<b>5:03pm</b>	<b>Q&amp;A</b>
<b>5:18pm</b>	<b>Adjourn</b>

<b>JOINTS</b>	Stryker Zimmer Smith & Nephew Microport	<b>SPINE</b>	Stryker Medtronic Globus Zimmer	<b>ASSISTED ROBOTICS</b>	Humanoid Robotics Rehabilitative AR-VR
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