

INNOVATION THEATER SCHEDULE

The Innovation Theater presentations will inform, educate and inspire attendees by exposing them to the latest innovations in orthopaedic products and services. Live presentations from medical and technology professionals.

Wednesday, March 13

Innovation Theater, Booth 3032, Hall B

9:45 - 10:05 AM

SMARTdrill presents Osteoscopy: Radiation-Free Continuous Drill Bit Localization

*Presented by Smart Medical Devices, Inc.
Presenter: John "Jack" Perry, MD, FAAOS;
Michael Karch, MD, FAAOS*

Seeing is believing. SMARTdrill's innovative design communicates the drilling and driving process to a video screen. SMARTdrill converts feel to an LCD screen eliminating depth gauges and drill bit plunge. It displays instantaneous drilling depths, torques, energies, and screw holding strength. Actionable intelligence reducing time, injury, implant waste and radiation.

10:15 - 10:35 AM

Learn Applications and Clinically Proven Benefits of the Zip Surgical Skin Closure

Presented by ZipLine Medical

10:45 - 11:05 AM

CartiMax™ Viable Cartilage Allograft

Presented by MTF Biologics

11:15 - 11:35 AM

Introducing the First Ligament Balancing Robot for TKA - OMNI BalanceBot™

*Presented by OMNI
Presenter: Jeffrey Lawrence, MD*

OMNIBotics® with NEW BalanceBot™ Predictive Balance Technique is the first system to integrate robotic ligament tensioning into the intra-operative planning process, delivering the optimal combination of TKA alignment and soft tissue balance. The BalanceBot removes uncertainty when assessing ligament tension and gives the surgeon quantitative data to confirm or modify the surgical plan prior to making any femoral resections, potentially reducing the number of soft tissue releases. Combined with the accuracy of robotic-assisted bone resection, the OMNIBotics system provides a completely customized alignment and soft-tissue envelope procedure for TKA.

11:45 AM - 12:05 PM

Pulsatile Irrigators in Outpatient Setting for Acute and Chronic Wound Management

*Presented by Stiehl Tech LLC
Presenter: James B Stiehl, MD, MBA*

Jet lavage is a standard method for treating surgical wounds and surgical site infections and has typically relied on pulsatile irrigators for pressurized debridement with sterile saline. A system for use in the outpatient clinic is presented that utilizes custom bags to collect the effluent.

1:45 - 2:05 PM

IlluminOss for the Treatment of Fragility Fractures: Patient Customized Polymer Implants Provide Durable Results

*Presented by IlluminOss Medical
Presenters: Richard L. McGough, MD; Paul Vegt, MD, PhD;
Marc Guijt, MD*

IlluminOss provides a new and innovative approach to the treatment of fragility fractures by utilizing a light cured polymer infused into a balloon catheter to create a patient customized implant. In poor quality, compromised bone, this minimally invasive implant provides a much-needed, durable solution for difficult to treat osteoporotic patients.

2:15 - 2:35 PM

Cryoanalgesia: A Path to an Opioid-Free TKA, Pre-op Through Rehab

*Presented by Myoscience
Presenter: William Mihalko, MD, PhD*

This session will feature discussions including the evolution of cryoanalgesia technologies, application to multimodal pain management protocols and an overview of the results of the recently completed RCT at the Campbell Clinic. The presentation will also include how integrating iovera® has helped orthopedic surgeons enhance clinical outcomes, improve post-surgical recovery and reduce costs.

2:45 - 3:05 PM

OSSIOfiber™ Intelligent Bone Regeneration, A New Bio-Integrative Fixation Material for Orthopedic Implants

*Presented by OSSIO
Presenter: Brian Verrier, CEO, OSSIO*

OSSIOfiber™ is a first-of-its-kind FDA-approved bio-integrative implant material stronger than cortical bone. Engineered to provide the strength required for secure fixation and allow for full integration into surrounding anatomy without adverse inflammation, OSSIOfiber enables Intelligent Bone Regeneration with nothing permanent left behind.

3:15 - 3:35 PM

Micro C Revolutionizes Medical Imaging

*Presented by Micro C Imaging
Presenter: Gregory Kolovich MD, MPH*

Micro C™ is a groundbreaking, patented medical imaging solution for surgeons and physicians treating disorders of the extremities combining a compact, handheld X-ray, digital and infrared camera, image receptor, software and consumables. Designed to deliver increased accuracy, clarity, safety, speed, and integration, it replaces 60-year-old X-ray and fluoroscopy equipment.

Thursday, March 14

Innovation Theater, Booth 3032, Hall B

9:45 - 10:05 AM

InSpace™ Balloon - Indications, Techniques and Results

*Presented by OrthoSpace
Presenter: Assaf Dekel, MD*

Orthospace Ltd develops and commercialises simple to implant, biodegradable subacromial InSpace™ Balloon system. Targeting rotator cuff injuries, InSpace™ Balloon aims to reduce pain and increase patients' range of motion while preserving bone and joint structures.

10:15 - 10:35 AM

ARVIS: Wearable Surgeon-Centric Navigation System

*Presented by Insight Medical Systems Inc
Presenter: David Mayman, MD*

ARVIS is a low-cost wearable navigation system with applications for hip and knee arthroplasty. The system matches the accuracy of other CAS systems while eliminating external equipment in the OR. The integral augmented reality display improves 3D visualization and maintains the surgeon's focus on the patient rather than external monitors.

10:45 - 11:05 AM

Save the Meniscus! Expand your treatment of meniscal tears using novel repair techniques and stitch constructs.

*Presented by Smith & Nephew
Presenter: Seth L. Sherman, MD*

This session will provide information on the rationale for meniscal repair as well as a case-based review of innovative repair techniques using cutting edge technology such as the NOVOSTITCH PRO Meniscal Repair System from Smith & Nephew.

11:15 - 11:35 AM

Personalized Joint Preservation - Bodycad Fine Osteotomy System

*Presented by Bodycad
Presenter: Etienne Belzile, MD*

The Fine Osteotomy System uses imaging to produce a 3D model of the patient anatomy. A 3D planning system is used to plan the correction to a healthy alignment for the patient in order to preserve the natural anatomy of the joint. A patient specific guide system is used to cut the bone and position the osteotomy in the exact position for the correction. A personalized plate is used to complete the operation which ensures that no compromise to the planned correction needs to be performed. The result is a correction that replicates the 3D plan that is accurate and reproducible.

11:45 AM - 12:05 PM

ActivArmor 3D Printed Orthoses - The Next Generation of Casts and Splints

*Presented by ActivArmor
Presenter: Diana Hall; Kevin Kaplan, MD*

ActivArmor - the first commercially available 3D printed casts and splints in the U.S. marketplace presents on the next generation of orthoses. Digital casting/splinting service replaces inventory and labor with an in-clinic 3D body image scan and entirely custom designs allowing for individualization and

adaptability with advanced healing technologies. Hygienic, waterproof, breathable plastic orthoses allow patients to maintain their quality of life while being immobilized for acute injuries (like breaks and sprains) and chronic conditions like Carpal Tunnel Syndrome. Affordable and covered by insurance, and worn by professional athletes, ActivArmor devices are a strong competitive advantage and available to providing clinics across the country.

1:45 - 2:05 PM

All-in-One Block and Modular Disposable Trial in U2 Knee™ System

*Presented by United Orthopedic Corporation
Presenters: Mark Froimson, MD, MBA; Stefan Kreuzer, MD; Chad Martin*

Mark Froimson, MD and Stefan Kreuzer, MD, demonstrate the enhanced efficiency of the United Orthopedic Corporation ("UOC") U2 TKA 1.5 tray instrumentation system. The patented AiO™ ("All-in-One Block") and MDT™ ("Modular Disposable Trial") are designed to increase operating room case capacity while achieving internal cost savings, all without sacrificing patient outcomes or overall quality.

2:15 - 2:35 PM

SuperPATH: New Clinical Data for the Superior Approach to Total Hip Arthroplasty

*Presented by MicroPort Orthopedics
Presenter: Jimmy Chow, MD*

Learn about MicroPort's SuperPATH® approach. A soft-tissue sparing technique that is built on 15 years of clinical success and has recently been shown to reduce several important hospital metrics including length of stay, complication rates, and readmission rates, while increasing the rate at which patients are discharged home following surgery.

2:45 - 3:05 PM

The Science of Stem Length in Shoulder Arthroplasty

*Presented by Stryker
Presenter: Joaquin Sanchez-Sotelo, MD, PhD*

Dr. Joaquin Sanchez-Sotelo, MD, Ph.D. will present topics related to optimal stem length selection. This session will highlight the recent trend of shorter stems in shoulder arthroplasty, the risks presented by stems that are too short or lead to adverse bone reaction such as stress-shielding, and an overview of a study used to determine the ideal length humeral stem.

3:15 - 3:35 PM

Treating Shoulder Arthritis in the Young & Active Person with the OVOMotion Stemless Total Shoulder System

*Presented by Arthrosurface, Inc.
Presenter: Gregory Nicholson, MD*

Gregory Nicholson, MD will discuss treating shoulder osteoarthritis using the Stemless OVOMotion and Inlay Glenoid Total Shoulder System. The combination of a non-spherical humeral head and inlay glenoid achieved ~20-30% better range of motion compared to traditional stemmed/stemless designs. Further clinical insights, experience, and surgical technique will also be presented.

Exhibits

Friday, March 15

Innovation Theater, Booth 3032, Hall B

9:45 - 10:05 AM

Galileo Lag Screw - Eliminating Lateral Protrusion

*Presented by Advanced Orthopaedic Solutions
Presenter: Donald W. Hohman Jr., MD*

The AOS Galileo Lag Screw is a telescoping lag screw that helps to eliminate lateral thigh pain, the ES Nail has the ease of a short nail with the security of a long nail, and our bone void filler is a System Integrated Bone Putty Delivery – ALL IN ONE SYSTEM.

10:15 - 10:35 AM

SMR TT Hybrid Glenoid - The First Convertible Hybrid Glenoid on the Market

*Presented by LimaCorporate
Presenter: LimaCorporate Staff*

SMR TT Hybrid Glenoid combines the best of both Cemented Glenoid and Metal Back Glenoid philosophies for Anatomic Shoulder Replacement. It has the same poly thickness of the cemented glenoid and the convertibility of the Metal Back, with no need to remove the implanted Trabecular-Titanium central peg, if well fixed.

10:45 - 11:05 AM

Hintermann Series H2® – The Latest Innovation in Total Ankle Replacement Systems

*Presented by DT MedTech, A Data Trace Company
Presenter: Prof. Beat Hintermann*

The Hintermann Series H2 TAR is designed to provide high intrinsic stability, low contact stresses to the bone, low ligament stress, and minimal wear. The H2's innovative design allows for adjustable inlay orientation to further support the surrounding tissues, aiming to provide stability against rotational forces of the tibial component.

11:15 - 11:35 AM

CurveBeam LineUP: Bilateral, Weight Bearing CT Imaging for the Knees & Feet Plus Hand & Elbow

*Presented by CurveBeam
Presenter: Cesar de Cesar Netto, MD, PhD*

CurveBeam's LineUP system combines the convenience of diagnostic X-Ray imaging, the power of three-dimensional computed tomography. The LineUP is the only system that allows for bilateral, weight bearing imaging in a natural standing position. Weight bearing CT imaging allows specialists to assess biomechanical spatial relationships and alignment.

11:45 AM - 12:05 PM

Explore the Future: Is a Fluoro-Free Customized Hip Arthroplasty Possible?

*Presented by Conformis
Presenter: Robert Tait, MD*

The CONFORMIS Hip System utilizes 3D imaging technology to provide pre-surgical navigation of the best fit implants for restoration of patient anatomy. The hip stem is optimized with a customized neck, and jigs to guide insertion of all components for proper orientation. Maximize procedural efficiency and streamline the overall surgery.

1:45 PM - 2:05 PM

Optimized Positioning System (OPS™) for Total Hip Arthroplasty

*Presented by Corin Group
Presenter: Andrew Shimmin*

Corin's OPS™ technology consists of preoperative planning software coupled with intraoperative delivery solutions designed to optimize implant alignment in total hip arthroplasty. The software considers each patient's unique hip-spine relationship as well as their 3D anatomy and joint mechanics.

2:15 PM - 2:35 PM

The Mobil-Aider: An Innovative Device to Assess Joint Mobility

*Presented by Therapeutic Articulations, LLC
Presenter: Dawn T. Gulick, MD*

The Mobil-Aider device is able to quantify knee joint laxity to contribute to the clinical decision-making regarding injury management and the ability to quantify joint mobility to consistently render therapeutic treatments to improve quality of care. Mobil-Aider represents a "first-to-market" technology for arthrokinematic/linear assessment.

Exhibits