



ORTHOPAEDIC SUMMIT 2018

EVOLVING TECHNIQUES

Transforming Orthopaedics

FINAL PROGRAM



#OrthoSummit2018



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ORTHOPAEDIC SUMMIT 2018
EVOLVING TECHNIQUES

Dear Colleagues,

On behalf of the entire faculty and our sponsors, we are thrilled to welcome you to **the 2018 Orthopaedic Summit: Evolving Techniques**, held at The Bellagio Hotel in Las Vegas, Nevada.

We look forward to an exciting, education-filled week! The **three and a half days** you spend with us will include countless educational opportunities including lunchtime and dinner symposia, rapid-fire debates, diverse international perspectives, cutting edge lectures, case-based panel discussions, and Spotlight Sessions on the latest techniques in Arthroplasty and Arthroscopy for Knee, Hip, Shoulder, Foot & Ankle, Hand, Wrist & Elbow, Sports Medicine, Spine and Trauma to give you the latest advantage in patient care.

Don't Miss Opportunities Include:

- **VIP Registration** Sponsored by Johnson & Johnson; Tuesday, December 4, 6-8pm
- **Lunch & Dinner Spotlights** Make your selection at the Registration Desk or Online if you have not already done so. **Sign Up is Required** to enjoy lunch and dinner.
- **3 Human Anatomic Cadaver Labs** Thursday, Friday, Saturday. **Advanced Registration Required.**
- **Karen Zupko** ICD-10/CPT Coding; Saturday, December 8, 1:30-5:30pm FREE

The Orthopaedic Summit 2018 will give you the opportunity to build relationships with our internationally renowned faculty as well as your physician colleagues, fellows, residents, physician assistants, nurse practitioners, athletic trainers, physical therapists, and occupational therapists from across the globe. We wholeheartedly believe we are changing the way education is delivered. Our hope is that you will take what you learn in the next three and a half days and share it across the globe **and most importantly with your patients.**

Mobile Content – The Orthopaedic Summit 2018 offers a mobile app for use by our attendees! Download the **Whova app** on your smartphone. **Just search OSET** to browse the complete agenda and faculty, rate the faculty as required on their presentations, view and learn about our many sponsors and exhibitors, participate in session polling, interact with all of your colleagues in attendance and more!

We Value Your Feedback! You are the most important part of this process. The Orthopaedic Summit values your input in creating this premier event. To this end, we ask that you complete the online Course Evaluation following the course. The online Evaluation is required to receive your CME/CCU Certificate and will provide the course chairs with valuable feedback to help us bring you an even better program in 2019. Please be honest – we appreciate your opinion!

Finally, we would like to say **THANK YOU!** Thank you for taking time away from your family and your practice during this busy holiday season. Your passion for improving patient care is why we are here to celebrate, and we thank you for spending the week with us.

All the best,



Stephanie C. Petterson, MPT, PhD

Chief Educational Officer

Board of Directors

Faculty 4

Wednesday Agendas

Knee Sports
 Cartilage & Biologics 14
 Hand, Wrist & Elbow. 17
 Foot & Ankle. 19

Thursday Agendas

Knee Arthroplasty 21
 Hand, Wrist & Elbow. 25
 Foot & Ankle. 27
 Advanced Practitioner Summit 29
 Ultrasound & Injection Workshop 30

Friday Agendas

Shoulder Arthroplasty & Fractures 31
 Shoulder Sports. 33
 Hip Arthroplasty & Preservation. 34
 Trauma. 37
 Spine. 38
 Advanced Practitioner Summit 39

Saturday Agendas

Shoulder Sports. 41
 Trauma. 43
 Spine 45
 Advanced Practitioner Summit 46
 Spotlight Sessions. 49
 Exhibits 55
 Sponsors. 57
 Meeting at a Glance 66



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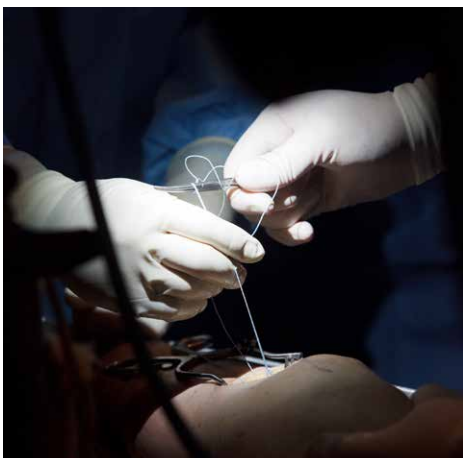
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6:50 Welcome & Introduction

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Knee Sports Vice Chair
Kevin F. Bonner, MD

Knee Cartilage & Biologics Chair
Thomas M. DeBerardino, MD, FAOA

Honored Professors
Christopher D. Harner, MD
Clarence L. Shields, MD

6:55 - 8:30 ANTERIOR CRUCIATE LIGAMENT - SO MANY NEW THOUGHTS

Moderator: Darren L. Johnson, MD
Timekeepers: Kevin F. Bonner, MD
Thomas R. Carter, MD

Computer/Text Questions Chairman:
John C. Richmond, MD

6:55 Evolving Technique Update: ACL Surgery & The Internal Brace: A Revolutionary Thought - Why I Believe
Aaron J. Krych, MD

7:00 Evolving Technique Update: Primary Repair Of An ACL & Microfracture: Is It A Hoax? Nah, Look At My Results
Samuel A. Taylor, MD

7:05 Evolving Technique: Back To The Future: Two Incision ACL Surgery - Why I Now Do It & My Results
Darren L. Johnson, MD

7:12 Mini-Panel: 17-Year-Old Ligamentous Lax Female Soccer Player With A Torn ACL
Panel Moderator: Kevin F. Bonner, MD
7:12 Pro: You Will Fail If You Do Not Reconstruct The Posterolateral Corner
Charles A. Bush-Joseph, MD
7:18 Pro: You Will Fail If You Do Not Reconstruct The Anterolateral Ligament
Aaron J. Krych, MD
7:24 Pro: Don't Be Foolish, I Can Do A Great ACL - Watch Me Get Her Back On The Field
David R. McAllister, MD

7:30 The Posterolateral Corner: What We Now Know Clinically - Please Pay Attention
Christopher S. Ahmad, MD

7:38 Mini-Panel: Innovative Surgical Techniques For The ACL
Panel Moderator: Charles A. Bush-Joseph, MD
7:38 Pro: Quad Tendon Grafts Are The Answer: Why Are You So Slow To Jump On Board!
John W. Xerogeanes, MD
7:44 Pro: The 5- And 6-Strand Hamstring Tendon ACL Graft
Charles H. Brown, Jr., MD
7:50 Pro: The Anatomic Ribbon ACL Surgery
Akbar Nawab, MD

7:56 Pro: Bioabsorbable Versus Titanium ACL Interference Screws: Want Some Facts?
Christopher C. Kaeding, MD

8:02 Evolving Technique: Outpatient ACL Reconstruction: How I Use My Anesthesia Team With Blocks & Catheters
Jeffrey C. Gadsden, MD, FRCPC, FANZCA

8:09 Evolving Technique Update: Advances In ACL Surgery: The Role & Need For Fluoroscopy - When I Use It & Why!
Charles H. Brown, Jr., MD

8:14 Evolving Technique Update: Advances In Hamstring ACL: Adjustable Loop Cortical Fixation
Shariff K. Bishai, DO, MS, FAOAO

8:19 Evolving Technique: Retrograde Drilling ACL: Easy, Reproducible, Let Me Show You How
Christopher C. Kaeding, MD

8:26 - 9:30 COMPLICATIONS IN ACL SURGERY

Moderator: David R. Diduch, MD, MS

8:26 Evolving Technique Update: How I Manage The Stiff Knee After ACL Surgery
Nicholas A. Sgaglione, MD

8:31 Evolving Technique Update: The All-Inside ACL Reconstruction: Have We Gone Too Low On The Wall
Kevin D. Plancher, MD, MPH

8:36 23-Year-Old With A Lateral Tibial Posterior Slope & ACL Graft Failure: "You Need To Look Out For This!"
Annunziato Amendola, MD

8:44 Evolving Technique Update: Failed ACL With Tunnel Osteolysis: How I Bone Graft & Stage It
Charles H. Brown, Jr., MD

8:49 Evolving Technique Update: Use Of Quick-Setting Bone Graft Substitutes In Revision ACL Surgery - What!?!
Kevin F. Bonner, MD

8:54 Case Presentations With Questions & Answers: All You Need To Know About The ACL Through Cases
Case Panel Moderators: David R. Diduch, MD, MS
Darren L. Johnson, MD
Case Panel: Christopher S. Ahmad, MD
Kevin F. Bonner, MD
Charles H. Brown, Jr., MD
Charles A. Bush-Joseph, MD
Christopher C. Kaeding, MD
Nicholas A. Sgaglione, MD
Seth Lawrence Sherman, MD
Samuel A. Taylor, MD
John W. Xerogeanes, MD

9:30 BREAK & VISIT THE EXHIBITS

KNEE: SPORTS, CARTILAGE & BIOLOGICS • BELLAGIO BALLROOM 2, 3, 4, 6, 7

10:10 - 10:49 ACL RETURN TO PLAY & OUTCOMES
 Moderator: Darren L. Johnson, MD
 Timekeepers: Christopher C. Kaeding, MD
 Aaron J. Krych, MD
 Computer/Text Questions Chairman:
 George A. Paletta, Jr., MD, MBA

- 10:10 Return To Play Criteria: My Sport Test, When It Is The Right Time To Avoid A Re-Rupture
 Kevin E. Wilk, PT, DPT, FAPTA
- 10:18 Expert Commentary: Putting It All Together: Complications & How To Avoid Them In ACL Reconstructions: 8 Minutes, 8 Tips
 John C. Richmond, MD
- 10:26 Outcomes & Predictors Of ACL Surgery: Hamstring, Bone-Patella-Bone & Revisions - What I Tell My Patients
 Christopher C. Kaeding, MD
- 10:34 Honored Professor Lecture: ACL Surgery From Repair To Reconstruction Back To Repair: Where Are We Today?
 Clarence L. Shields, MD

10:49 - 12:03 THE MENISCUS: THE MODERN FRONTIER - REPAIRS ARE IN!
 Moderator: David R. McAllister, MD

- 10:49 Evolving Technique: The Meniscus Root Repair My Way: It Is A Must - I Will Show You How
 Seth Lawrence Sherman, MD
- 10:56 Evolving Technique Update: The Meniscal Ramp Lesion: How To Identify, How To Fix
 Aaron J. Krych, MD
- 11:01 Evolving Technique: The Radial Meniscus Tear: Medial & Lateral - How I Fix It! Razzle, Dazzle
 Scott C. Faucett, MD, MS
- 11:06 Evolving Technique Update: The Vertical, Oblique Meniscal Repair
 Nicholas A. Sgaglione, MD
- 11:11 Evolving Technique: Meniscal Extrusion & The Role Of Repair Of Meniscotibial Ligaments: How I Deal With It & Save The Knee
 George A. Paletta, Jr., MD, MBA
- 11:18 Evolving Technique: Meniscus Scaffolds: What The Rest Of The World Is Doing In 2018
 Konrad Slynarski, MD, PhD
- 11:25 Evolving Technique: Meniscus Transplantation: Where Are We In 2018
 Thomas R. Carter, MD
- 11:32 Distinguished Professor Lecture: MRI To Correlate With Ligament & Meniscal Evaluations
 Hollis G. Potter, MD

- 11:42 Case Presentations With Questions & Answers: The Truth About Meniscal Repairs Versus Meniscectomy - No Hiding - And What To Do For Rehab - Brace Vs. No Brace, When To Move
 Case Panel Moderators: Charles H. Brown, Jr., MD
 Charles A. Bush-Joseph, MD
 Case Panel: Thomas R. Carter, MD
 Scott C. Faucett, MD, MS
 Christopher D. Harner, MD
 Aaron J. Krych, MD
 George A. Paletta, Jr., MD, MBA
 John C. Richmond, MD
 Nicholas A. Sgaglione, MD
 Seth Lawrence Sherman, MD
 Kevin E. Wilk, PT, DPT, FAPTA

12:03 Lunch Served

12:18 - 12:58 Luncheon Symposium I: The Future Of Sports Medicine: Value Innovations That Improve Your Patients' Outcomes
 Supported by Arthrex

- 12:18 Maximizing ACL Reconstruction Outcomes: Graft Preparation, Position and Fixation
 Thomas M. DeBerardino, MD, FAOA
- 12:28 Knotless Ligament and Tendon Repair/ Reconstruction
 Christopher S. Ahmad, MD
- 12:38 Orthobiologics Solutions for Managing Bone Lesions
 Shariff K. Bishai, DO, MS, FAOAO
- 12:48 Q&A Discussion – All

12:58 - 1:38 Luncheon Symposium II: Global Management Of Massive And Irreparable Rotator Cuff Disease: Repair Or Reconstruction And Application Of Non-Opioid Pain Control
 Supported by Johnson & Johnson Medical Device Companies

1:38 Dessert & Visit The Exhibits

2:03 - 2:49 A WHIRLWIND TOUR OF PCL, COMPLEX KNEE & MULTILIGAMENT
 Moderator: Darren L. Johnson, MD
 Timekeepers: Thomas M. DeBerardino, MD, FAOA
 Seth Lawrence Sherman, MD
 Computer/Text Questions Chairman:
 Charles A. Bush-Joseph, MD

- 2:03 21-Year-Old Football Lineman With An Isolated PCL Tear: When Repair/Reconstruct, What Has Changed For Me
 Christopher S. Ahmad, MD
- 2:11 Evolving Technique Update: The Arthroscopic All-Inside PCL Reconstruction: Always Works For Me
 Thomas M. DeBerardino, MD, FAOA
- 2:16 Evolving Technique Update: The Arthroscopic Achilles Allograft For PCL Reconstruction - Not Changing!
 Gregory C. Fanelli, MD
- 2:21 Evolving Technique Update: MCL Repair With The Internal Brace
 Brian D. Busconi, MD

“ It is the one meeting where experts are allowed to disagree and openly discuss the pros and cons of different treatment options. ”

–David R. McAllister, MD

KNEE: SPORTS, CARTILAGE & BIOLOGICS • BELLAGIO BALLROOM 2, 3, 4, 6, 7

2:26	Complications To Avoid In The Dislocated Knee <i>Gregory C. Fanelli, MD</i>	3:56	Distinguished Professor Lecture: MRI Evaluation: What We Can Now Do To Help The Clinician For Cartilage Surgery <i>Hollis G. Potter, MD</i>
KNEE DISLOCATION SYMPOSIUM See Trauma Section - Friday, December 7 th - 2:47- 3:20 See Page 37 In Program		4:06 BREAK & VISIT THE EXHIBITS	
2:34	Honored Professor Lecture: PCL, MCL, LCL & Multiligament: Do We Repair, Do We Reconstruct - Where Are We In 2018, I Am Not Confused <i>Christopher D. Harner, MD</i>	4:36 - 4:59 BIOLOGICS, CELLS & THE NEW FRONTIER Moderator: <i>Annunziato Amendola, MD</i> Timekeepers: <i>David R. McAllister, MD</i> <i>Nicholas A. Sgaglione, MD</i> Computer/Text Questions Chairman: <i>Kevin F. Bonner, MD</i>	
2:49 - 4:06 BIOLOGICS, CARTILAGE & THE FUTURE OF ORTHOPAEDIC SURGERY Moderators: <i>Thomas M. DeBerardino, MD, FAOA</i> <i>Kevin F. Bonner, MD</i>		4:36	Evolving Technique Update: A 14-Year-Old Boy Playing Flag Football, Sudden Pain - Oops! It's An OCD, What To Do <i>Andreas H. Gomoll, MD</i>
2:49	Evolving Technique: Alignment: It Is Where It All Begins, Without It Everything Else Fails - 7 Tips, 7 Minutes <i>Annunziato Amendola, MD</i>	4:41	Evolving Technique Update: The Patellofemoral Cartilage Lesion: Don't Give Up, It Is Tough, I Have Answers - 5 Tips, 5 Minutes <i>David R. Diduch, MD, MS</i>
2:56	Mini-Panel: OMG! Where Did It Come From - Pain From Cartilage Lesions <1.5cm Panel Moderator: <i>Kevin F. Bonner, MD</i>	4:46	Evolving Technique Update: Accelerated Return to Sport After Osteochondral Autograft Plug Transfer - Watch Me <i>Stephen F. Brockmeier, MD</i>
2:56	Pro: Off The Shelf Osteochondral Allografts, Why Not?! <i>Seth Lawrence Sherman, MD</i>	4:51	The Failed Cartilage Procedure: My Algorithm For Success <i>William Bugbee, MD</i>
3:02	Pro: Biocartilage Is An Easy Winner <i>Kevin F. Bonner, MD</i>	4:59 - 5:56 THE YOUNG BABIES ON THE BLOCK: AMNIOTIC TISSUE, NEW ENGINEERING & INJECTABLES Moderator: <i>Annunziato Amendola, MD</i>	
3:08	Mini-Panel: I Didn't Realize The Cartilage Lesion Was >2cm But <5cm - Solving The Problem! Panel Moderator: <i>Christopher D. Harner, MD</i>	4:59	Evolving Technique: Small Molecule Inhibitor Of The Wnt Pathway (SM04690) A Potential Disease-Modifying Treatment For Knee Osteoarthritis <i>Andreas H. Gomoll, MD</i>
3:08	Pro: Matrix-Induced Autologous Cultured Chondrocyte Implantation On Porcine Collagen Membrane <i>Christian Lattermann, MD</i>	5:06	Mini-Panel: 45-Year-Old Rock Climber With Mild To Moderate Medial Compartment Osteoarthritis Panel Moderator: <i>Andreas H. Gomoll, MD</i>
3:14	Pro: Single Surgery, Autologous-Chondrocyte-Based Implantation - What An Advantage <i>Konrad Slynarski, MD, PhD</i>	5:06	Pro: PRP In Cartilage Repair & Early OA - You Should Use It & Why! <i>Brian D. Busconi, MD</i>
3:20	Pro: The Role Of Particulated Juvenile Cartilage Allograft & Decellularized Osteochondral Allografts To Solve The Problem <i>Shariff K. Bishai, DO, MS, FAOA</i>	5:11	Pro: Cryopreserved, Bioactive Amniotic Suspension Allograft: A Randomized Controlled Study For OA - It's The Answer! <i>Andreas H. Gomoll, MD</i>
3:26	Pro: The Autologous Cartilage Tissue Implant <i>Thomas M. DeBerardino, MD, FAOA</i>	5:16	Dehydrated Human Amnion/Chorion Membrane (dHACM) Allograft Is Solving So Many Problems In My Osteoarthritic Patients - Listen Up! <i>Kris J. Alden, MD, PhD</i>
3:32	Mini-Panel: Lesions >5cm, I Am Going To Be Here In The Operating Room For Awhile Panel Moderators: <i>William Bugbee, MD</i> <i>Andreas H. Gomoll, MD</i>	5:24	Evolving Technique Update: Did You Forget Me? The Role Of Hyaluronic Acid: What To Do? <i>Stephen F. Brockmeier, MD</i>
3:32	Pro: 3D Autologous Chondrocyte Implant System <i>Thomas M. DeBerardino, MD, FAOA</i>	5:29	Evolving Technique: Forget All These Cartilage Procedures: Triamcinolone Acetonide Extended Release - A Microsphere Technology Is The Answer <i>Andrew I. Spitzer, MD</i>
3:38	Pro: Cartilage Repair In One Step Surgery: 10 Years Experience <i>Alberto Gobbi, MD</i>		
3:44	Pro: Go Big Or Go Home: Liquid Bioscaffold With Bone Marrow Stimulation <i>Ivan H. Wong, MD, FRCSC</i>		
3:50	Pro: Stop All The Gibberish, Fresh Osteochondral Allografts - Why Even Think Twice <i>William Bugbee, MD</i>		

KNEE: SPORTS •
BELLAGIO BALLROOM 2, 3, 4, 6, 7

5:36 **Case Panel: Ladies & Gentleman Place Your Bets: A Novel Cartilage Game To Pick The Right Procedure**
Case Panel Moderator: Joanne Halbrecht, MD
Case Panel: Kris J. Alden, MD, PhD
 Annunziato Amendola, MD
 Stephen F. Brockmeier, MD
 William Bugbee, MD
 Alberto Gobbi, MD
 Andreas H. Gomoll, MD
 Christopher D. Harner, MD
 Christian Lattermann, MD
 Claude T. Moorman, III, MD
 Seth Lawrence Sherman, MD

5:56 **End Of CME Educational Program**

Don't Miss - Special Presentation

6:00 - 7:30 **Dinner Non-CME Spotlight Session**

Treating The Complex Knee: New Technologies, Instrumentation And Surgical Techniques For Improving Patient Outcomes And Expanding Your Practice

Supported by Smith & Nephew

Room: Bellagio Ballroom 1, 5

Faculty: Nirav H. Amin, MD

Charles H. Brown, MD

Scott C. Faucett, MD

Andrew Geeslin, MD

Darren L. Johnson, MD

Armando Vidal, MD

Dinner & Libations

Full Details/See Page 49

**CME/CEU
Certificates**

1. After the meeting, log in to My Account at www.OrthoSummit.com
2. Click "Take CME/CCU Survey"
3. Update/Confirm Contact Information and Complete the CME/CCU Course Evaluation
4. Download CME/CCU Certificate

HAND, WRIST & ELBOW •
GRAND BALLROOM 6

6:50 **Welcome & Introduction**
Hand, Wrist & Elbow Co-Chairs
 David S. Ruch, MD
 Noah D. Weiss, MD
 Jeffrey Yao, MD

Honored Professors
 Jesse B. Jupiter, MD
 Peter J. Stern, MD

Distinguished Professor
 Bernard F. Morrey, MD

6:55 - 7:18 **THAT DARN THUMB**
Moderator: Steven J. Lee, MD
Timekeepers: Brian Jurbala, MD
 Marco Rizzo, MD

Computer/Text Questions Chairman:
 William Geissler, MD

6:55 **Panel: The CMC Joint: Modern Thoughts For An Old Problem - Your Mother Calls And Can't Open Wide Mouth Jars Anymore, You Are In The Hot Seat**
Panel Moderator: Julie E. Adams, MD

6:55 **Pro: LRTI Is The Only Way, It Has Survived The Test of Time - Don't Be Stupid**
 Fraser J. Leversedge, MD

7:02 **Pro: LRTI's Are Brutal: Move Over, I'll Show You What's New In 2018 - You Will Change Today**
 Jeffrey Yao, MD

7:09 **Pro: Removing The Trapezium, I Have Done It That Way For Years, Get Out of Dodge - Let Me Show You The Results**
 Brian D. Adams, MD

7:16 **Honored Professor Thoughts & Commentary!**
 Peter J. Stern, MD

7:18 - 7:42 **THE ACHING WRIST**
Moderator: Fraser J. Leversedge, MD

7:18 **Debate: The Scapholunate Ligament Rears Its Ugly Head: Chronic, Reducible In A 40-Year-Old Vascular Surgeon**
Debate Moderator: Fraser J. Leversedge, MD

7:18 **Pro: A Simple Way To Reconstruct With New Technology - Watch Me!**
 Steven J. Lee, MD

7:24 **Pro: Too Late, Salvage Procedure Is The Only Way To Predict No More Pain**
 Mark E. Baratz, MD

7:30 **Debate: The 30-Year-Old Snowboarder's Wrist: Still Hurts, It Is June & He Was Afraid To Tell His Doctor**
Debate Moderator: Brian Jurbala, MD

7:30 **Pro: Proximal Pole Scaphoid Nonunion: Vascularized Bone Graft Is The Only Way To Go**
 Dean G. Sotereanos, MD

7:36 **Pro: Screw It! No Vascularized Graft, I Can Make It Heal - Watch Me!**
 Brian D. Adams, MD

HAND, WRIST & ELBOW • GRAND BALLROOM 6

7:42 - 8:50 THE DISTAL RADIUS: NEW CONCEPTS Moderator: William B. Geissler, MD	
7:42	Panel: 66-Year-Old Pianist Falls on Her Outstretched Wrist While Cycling Panel Moderator: Jeffrey A. Greenberg, MD 7:42 Pro: A Volar Plate Is Needed Every Time - Restore Her Youth Jorge L. Orbay, MD 7:49 Pro: The Volar Plate Is Not Always The Answer! It Can Get You Into Trouble Marco Rizzo, MD 7:56 Pro: ARIF Not ORIF: I Love To Text And Use Initials - It Is Happening Fast William Geissler, MD 8:03 Pro: Slow Down Boys, You Better Get The 3D CT And Plan Carefully Then Make A Decisions Lisa Lattanza, MD 8:10 Pro: Wrong All Of You, Read The Literature- Nonop Treatment Will Work Just Fine Mark S. Rekant, MD
8:17	Honored Professor Thoughts & Commentary! Peter J. Stern, MD
8:20	Case Presentations With Questions & Answers: Distal Radius Fractures - All Types, Quick Answers To Solve Problems In The Middle Of The Night Case Panel Moderators: David S. Ruch, MD Noah D. Weiss, MD Case Panel: Brian D. Adams, MD Julie E. Adams, MD Mark E. Baratz, MD William Geissler, MD Jesse B. Jupiter, MD Steven J. Lee, MD Jorge L. Orbay, MD Jeffrey Yao, MD
8:50 - 9:29 THE ARTHRITIC WRIST Moderator: Steven J. Lee, MD	
8:50	Panel: A 37-Year-Old Former Olympic Volleyball Athlete With SLAC Wrist And Pain: 20 Degrees Of Wrist Flexion With Normal Extension Panel Moderator: Brian D. Adams, MD 8:50 Pro: Arthroscopic Proximal Row Carpectomy: Tips And Tricks Noah D. Weiss, MD 8:57 Pro: Open Proximal Row Carpectomy: Tips And Tricks Mark S. Rekant, MD 9:04 Pro: Stop The Nonsense, 4 Corner Arthrodesis With New Technology To Ensure Fusion Jeffrey Yao, MD
9:11	Distinguished Professor Lecture: Utilizing The MRI In Wrist Surgery For Decision Making Hollis G. Potter, MD
9:26	Honored Professor Morning Take Home Points In 3 Minutes Peter J. Stern, MD
9:29 BREAK & VISIT THE EXHIBITS	

10:09 - 10:44 DUPUYTREN'S & THE HAND Moderator: Brian Jurbala, MD Timekeepers: Steven J. Lee, MD Mark S. Rekant, MD Computer/Text Questions Chairman: Julie E. Adams, MD	
10:09	Evolving Technique: Percutaneous Trigger Finger Release Under Ultrasound Guidance Is Now My Standard Of Care Brian Jurbala, MD
10:16	Panel: Dupuytren's Disease In 2018 Panel Moderator: David S. Ruch, MD 10:16 Pro: Percutaneous Fasciectomy Is Not Dangerous And Works: When And How To Do It Safely William Geissler, MD 10:23 Pro: Don't Be Nuts: Open Fasciectomy Has Been And Is The Gold Standard Jeffrey A. Greenberg, MD 10:30 Pro: Stop Sleeping: Collagenase Clostridium Histolyticum Is The Only Way To Treat Patients In My Office In 2018 Steven J. Lee, MD 10:37 Pro: Recurrent Dupuytren's After In Office Injections: What I Do Next Mark E. Baratz, MD
10:44 - 11:16 THE GIANTS TEACH US Moderator: Jeffrey Yao, MD	
10:44	Mini-Honored Professor Lecture: Metacarpal And Phalangeal Fractures: What Is Knew, How I Get Motion - A Whirlwind Tour Jesse B. Jupiter, MD
10:56	Honored Professor Lecture: Innovation Versus Tried And True: What I Have Learned About The Wrist Over The Years Peter J. Stern, MD
11:16 - 11:58 THE WRIST & HAND IN 2018: NEW TECHNOLOGY Moderator: Jeffrey Yao, MD	
11:16	Common Tendinopathies Of The Wrist And Hand: New Technology Julie E. Adams, MD
11:24	Debate: 42-Year-Old Mechanic With A Failed Arthroscopic Debridement Of The Wrist Now With Pain And Limited Motion - What I Do Now Debate Moderator: David S. Ruch, MD 1:24 Pro: Wrist Fusion And Back To Work Jeffrey A. Greenberg, MD 1:30 Pro: Wrist Arthroplasty And My Results Brian D. Adams, MD
11:36	Evolving Technique: Arthroscopic Management Of Distal Radius Fractures: Gets Better And Better And Better William Geissler, MD

**HAND, WRIST & ELBOW •
GRAND BALLROOM 6**

**11:43 Case Presentations With Questions & Answers:
A Potpourri Update In Wrist And Hand Issues**
Case Panel Moderators: *David S. Ruch, MD*
Jeffrey Yao, MD
Case Panel: *Brian D. Adams, MD*
Julie E. Adams, MD
William Geissler, MD
Lisa Lattanza, MD
Steven J. Lee, MD
Jorge L. Orbay, MD
Marco Rizzo, MD
Peter J. Stern, MD

12:03 Lunch Served In Bellagio Ballroom 2, 3, 4, 6, 7

**12:18 - 12:58 Luncheon Symposium I: The Future Of Sports
Medicine: Value Innovations That Improve Your
Patients' Outcomes**
Supported by Arthrex

**12:18 Maximizing ACL Reconstruction Outcomes: Graft
Preparation, Position and Fixation**
Thomas M. DeBerardino, MD, FAOA

12:28 Knotless Ligament and Tendon Repair/Reconstruction
Christopher S. Ahmad, MD

12:38 Orthobiologics Solutions for Managing Bone Lesions
Shariff K. Bishai, DO, MS, FAOAO

12:48 Q&A Discussion – All

**12:58 - 1:38 Luncheon Symposium II: Global Management
Of Massive And Irreparable Rotator Cuff Disease:
Repair Or Reconstruction And Application Of
Non-Opioid Pain Control**
*Supported by Johnson & Johnson Medical
Device Companies*

1:38 Dessert & Visit The Exhibits

2:00 Join Any Other Session Or Visit The Exhibits

Don't Miss - Special Presentation

6:00 - 7:30 Dinner Non-CME Spotlight Session

**Treating The Complex Knee: New Technologies,
Instrumentation And Surgical Techniques For
Improving Patient Outcomes And Expanding Your
Practice**

Supported by Smith & Nephew

Room: Bellagio Ballroom 1,5
Faculty: *Nirav H. Amin, MD*
Charles H. Brown, MD
Scott C. Faucett, MD
Andrew Geeslin, MD
Darren L. Johnson, MD
Armando Vidal, MD

Dinner & Libations
Full Details/See Page 49

**FOOT & ANKLE •
GRAND BALLROOM 6**

2:00 Welcome & Introduction
Foot & Ankle Co-Chairs
Mark Glazebrook, MSc, PhD, MD, FRCS(C)
James W. Stone, MD

Honored Professor
Keith L. Wapner, MD

2:05 - 3:12 ANKLE ARTHRITIS
Moderator: *Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)*
Timekeeper: *Sam A. Labib, MD*
Computer/Text Questions Chairman:
Mark Glazebrook, MSc, PhD, MD, FRCS(C)

**2:05 Evolving Technique Update: 5 Tips In 5 Minutes
For A Successful Ankle Fusion**
Troy S. Watson, MD

**2:10 Evolving Technique Update: 5 Tips In 5 minutes To
Avoid Complications With Total Ankle Replacement**
Bryan D. Den Hartog, MD

**2:15 Mini-Honored Professor's Thoughts: Vascularized
Bone Grafts For Failed Fusions**
Keith L. Wapner, MD

**2:20 Panel: 55-Year-Old Machinest 15 Years After ORIF
Of A Distal Tibia Fracture Now With End Stage
Ankle Arthritis**
Panel Moderator: *Selene G. Parekh, MD, MBA*
**2:20 Pro: Open Arthrodesis Is The Way To Go,
Retirement Is Only 10 Years Away**
*Alastair S. Younger, MB, ChB, MSc, ChM,
FRCS(C)*

2:27 Pro: Arthroscopic Arthrodesis: Less Is Better
James W. Stone, MD

**2:34 Pro: Slow Down Old Men, Total Ankle
Arthroplasty - A Much Better Answer &
Functional Outcome**
Gregory C. Berlet, MD, FRCS(C), FAOA

**2:41 Total Ankle Arthroplasty: Evolution Of The
Technique - Where We Have Been & Where We
Are Going**
James A. Nunley, MD, MS

**2:49 Mini-Honored Professor's Thoughts: Ankle
Arthroplasty In The Morbidly Obese Patient**
Keith L. Wapner, MD

**2:52 Case Presentations With Questions And Answers:
Complications In Ankle Arthritis, The Failed Total
Ankle Replacement: Now What - Cases**
Case Panel Moderator: *Mark E. Easley, MD*
Case Panel: *Robert B. Anderson, MD*
Bryan D. Den Hartog, MD
Richard D. Ferkel, MD
Mark Glazebrook, MSc, PhD, MD, FRCS(C)
Thomas H. Lee, MD
Selene G. Parekh, MD, MBA
James W. Stone, MD
Keith L. Wapner, MD
Troy S. Watson, MD
*Alastair S. Younger, MB, ChB, MSc, ChM,
FRCS(C)*

FOOT & ANKLE • GRAND BALLROOM 6

3:12 - 3:43 ACHILLES TENDON RUPTURE
Moderator: Thomas H. Lee, MD

3:12 Evolving Technique Update: Acute Achilles Ruptures: Who Needs An Operation & Who Doesn't - 5 Minutes, 5 Thoughts
Robert B. Anderson, MD

3:17 Panel: 35-Year-Old Stock Broker Lunges Forward, Makes The Hoop, Lands With A Pop In His Calf In A Pick Up Basketball Game With 17-Year-Olds
Panel Moderator: Robert B. Anderson, MD

3:17 Pro: Acute, Open Repair Achilles Rupture: The Gold Standard
Richard D. Ferkel, MD

3:24 Pro: Minimally Invasive Techniques: How Many Years Do I Need To Tell You, Better Results, Fewer Complications - Get On Board!
Phinit Phisitkul, MD

3:31 Pro: Stop! Read The Literature: Canada Knows Best - Nonoperative Functional Treatment Yields Better Results
Mark Glazebrook, MSc, PhD, MD, FRCS(C)

3:38 Honored Professor's Commentary: Neglected Achilles Tendon Rupture - How To Bridge The Gap In A 5-cm Injury
Keith L. Wapner, MD

3:43 - 4:25 ANKLE SPRAINS & ANSWERS
Moderator: Richard D. Ferkel, MD

3:43 Debate: 17-Year-Old Ice Skater With A First Time Ankle Sprain Grade 3 By Exam
Debate Moderator: Phinit Phisitkul, MD

3:43 Pro: This Needs To Be Immobilized, Crutches, Rigid Boot, Call Me In 4 Weeks To Avoid Lifelong Problems
Sam A. Labib, MD

3:49 Pro: Are You Kidding?!?! Move This In 5 Days, No Crutches - I Have The Answers
A. Holly Holland Johnson, MD

3:55 Panel: 29-Year-Old Professional Soccer Player With Recurrent Lateral Ankle Sprains
Panel Moderator: Thomas H. Lee, MD

3:55 Pro: Broström Repair: A Proven Track Record For Getting This Patient Back On The Field
Mark E. Easley, MD

4:02 Pro: Arthroscopic Repair: Quicker Rehabilitation With Equal Results, Watch!
Peter G. Mangone, MD

4:09 Pro: Minimally Invasive Reconstruction: A More Stable Construct
Mark Glazebrook, MSc, PhD, MD, FRCS(C)

4:16 Pro: Internal Brace: Wake Up It's 2018: Fast Rehab, Strongest Repair
Troy S. Watson, MD

4:23 Commentary & Sage Advice
Thomas H. Lee, MD

4:25 BREAK & VISIT THE EXHIBITS

4:55 Sports Medicine Perspective on Getting Athletes Returned To Sport After Chronic Ankle Instability
Kevin E. Wilk, PT, DPT, FAPTA

5:03 - 5:25 PERONEAL TENDON PATHOLOGY
Moderator: Bryan D. Den Hartog, MD
Timekeeper: Troy Watson, MD
Computer/Text Questions Chairman: Robert B. Anderson, MD

5:03 Panel: 54-Year-Old Former Baseball Pitcher With Recurrent Lateral Ankle Snapping & Sensation Of Giving Way With Pain
Panel Moderator: James A. Nunley, MD, MS

5:03 Pro: Repair The Tendon Sheath Without Any Bone Osteotomy
Robert B. Anderson, MD

5:10 Pro: This Is A Chronic Problem: You Have To Be Aggressive To Prevent Recurrence: Open Fibular Groove Deepening Please
Sam A. Labib, MD

5:17 Pro: You Are All Wrong: Debride & Stabilize With A Fibular Osteotomy - I Don't Want A Recurrence!
Troy S. Watson, MD

5:25 - 6:00 POSTERIOR IMPINGEMENT
Moderator: Peter G. Mangone, MD

5:25 Posterior Impingement: Sounds Boring, What Is It, Why Bother, How I Diagnose
Phinit Phisitkul, MD

5:33 Debate: 16-Year-Old Classical Dancer With Posterior Ankle Pain & Bony Edema
Debate Moderator: James A. Nunley, MD, MS

5:33 Pro: Lateral Approach To The Posterior Talus: Easy Approach, Good Visualization, Low Risk: Good-Bye Os Trigonum!
Richard D. Ferkel, MD

5:39 Pro: Don't Limit Yourself To The Obvious: Direct Posterior Approach Provide Easy Access To Os Trigonum & Other Potential Causes Of Her Posterior Ankle Pain
James W. Stone, MD

5:45 Case Presentations With Questions And Answers: The Achilles Tendon, Ankle Instability & Posterior Pathology
Case Panel Moderators: Judith F. Baumhauer, MD, MPH
Thomas H. Lee, MD

Case Panel: Robert B. Anderson, MD
Bryan D. Den Hartog, MD
Mark E. Easley, MD
Richard D. Ferkel, MD
Peter G. Mangone, MD
Phinit Phisitkul, MD
James W. Stone, MD
Troy S. Watson, MD

6:00 - 7:00 AOFAS Presidents Innovative & Challenging Cases: Up Close & Personal
Case Panel Moderator:

Mark Glazebrook, MSc, PhD, MD, FRCS(C)

Case Panel: Robert B. Anderson, MD
Judith F. Baumhauer, MD, MPH
Michael J. Coughlin, MD
Bryan D. Den Hartog, MD
Mark E. Easley, MD
Thomas H. Lee, MD
Keith L. Wapner, MD

KNEE: ARTHROPLASTY • BELLAGIO BALLROOM 2, 3, 4, 6, 7

6:50 Welcome & Introduction
 Knee Arthroplasty Chair
 Giles R. Scuderi, MD

Knee Arthroplasty Vice Chair
 Fred D. Cushner, MD

Honored Professors
 Wayne G. Paprosky, MD
 Thomas S. Thornhill, MD

6:55 - 7:27 THE NEW REALITY: 2018, BUNDLE BUSTERS - HOW I BEST HANDLE THEM
 Moderator: Giles R. Scuderi, MD
 Timekeepers: Michael P. Ast, MD
 Peter K. Sculco, MD
 Computer/Text Questions Chairman:
 Michael J. Kaplan, MD

6:55 Total Knee Arthroplasty In A 66-Year-Old Male With An Expanding Waist Line, BMI Over 40 & Refuses To Lose Weight - My Algorithm For Success
 Fred D. Cushner, MD

7:03 Panel: Four Red Flags That Make You Stop And Think What You Should Do
 Panel Moderator: Giles R. Scuderi, MD

7:03 Pro: Diabetes: My Patient's Hgb A1C Is 8.6 But Trying To Get It Under Control
 Michael A. Kelly, MD

7:09 Pro: Habitual Smoker: Why Should I Stop, I Love My Camel Cigarettes, I'm 82-Years-Old & I Am Healthier Than You
 Peter K. Sculco, MD

7:15 Pro: Culture Negative, Signs Of Persistent Infection, Antibiotics Not Working: I Am A 55-Year-Old Former Olympian Status Post Knee Arthroplasty - What Now?
 Edward J. McPherson, MD, FACS

7:21 Pro: Rehab Facility: I'm 87-Years-Old, Live Alone, & Have 3 Flights Of Stairs - You Are Not Making Me Go Home, Sonny!
 Adolph V. Lombardi, Jr, MD, FACS

7:27 - 7:49 AVOIDABLE COMPLICATIONS & SAVING THE READMISSION
 Moderator: Douglas E. Padgett, MD

7:27 Evolving Technique Update: The Anemic Patient With A Low Preop Hemoglobin: How I Use Tranexamic Acid & Other Modalities That Helps The Patient & The Hospital
 Michael P. Ast, MD

7:32 Evolving Technique Update: The Frail Rheumatoid Arthritic Patient: What My Dressing Postop Will Be - Wound Vac Or New Razzle, Dazzle
 Fred D. Cushner, MD

7:37 Evolving Technique Update: Antibiotics, Intraop Lavage & Postop Formulas & My Rules: How I Attempt To Reduce Surgical Site Infections
 Steven B. Haas, MD

7:42 Evolving Technique: DVT Prophylaxis In The Morbidly Obese, Smoking, Diabetic Patient: Is It Aspirin, Coumadin, Or The New Agents? - How I Select To Avoid Harm To The Patient & Avoid Readmission
 Jose A. Rodriguez, MD

7:49 - 9:30 COMPLICATIONS FOLLOWING TOTAL KNEE ARTHROPLASTY
 Moderator: Michael A. Kelly, MD

7:49 Evolving Technique Update: 51-Year-Old Tennis Player 6 Weeks After Surgery Working With His Therapist & The Knee Won't Bend
 Edward J. McPherson, MD, FACS

7:54 Evolving Technique Update: 78-Year-Old Female, Heard A Crack Around Her Thigh 1 Year After Her Total Knee Replacement - My Treatment Algorithm
 Michael B. Cross, MD

7:59 Evolving Technique Update: 57-Year-Old Male Status Post Total Knee Replacement 6 Months Ago Playing Soccer With His Son, Felt A Snap & Can't Straighten His Leg
 Giles R. Scuderi, MD

8:04 Evolving Technique Update: 63-Year-Old Hedge Fund Trader Notices The Top Part Of His Wound Draining Milky White Fluid & Is Concerned - He Calls At Midnight
 Henry D. Clarke, MD

8:09 Evolving Technique Update: My Knee Never Felt Good, It Is My 1-Year Check Up: I Read On The Internet The Facts, I Am Allergic To My Implant Doc - The Truth About Allergies To Metal
 Michael Bolognesi, MD

8:14 Debate: 63-Year-Old Avid Golfer Now For Her First Knee Replacement
 Debate Moderator: Fred D. Cushner, MD

8:14 Pro: Time For The Cruciate Retaining Knee, It Is The Right One & When I Use It
 Michael J. Kaplan, MD

8:20 Pro: Cruciate Sacrificing Guarantees You The Result: Let Me Show You How To Do It Old Man
 Peter K. Sculco, MD

8:26 Evolving Technique: Bi-Cruciate Sparing Total Knee Replacement
 Nirav H. Amin, MD

8:33 Postoperative Knee Pain: I Can't Believe It Is One Of Those In The 19% Failure Rate - My Algorithm How To Try To Avoid
 Douglas E. Padgett, MD

8:41 Distinguished Professor Lecture: The Utility Of MRI In Helping Diagnose The Painful Total Knee Arthroplasty
 Hollis G. Potter, MD

KNEE: ARTHROPLASTY • BELLAGIO BALLROOM 2, 3, 4, 6, 7

8:56 Case Presentations With Questions And Answers
 Case Panel Moderators: Douglas E. Padgett, MD
 Giles R. Scuderi, MD
 Case Panel: Michael Bolognesi, MD
 Henry D. Clarke, MD
 Michael B. Cross, MD
 Steven B. Haas, MD
 Michael J. Kaplan, M
 Edward J. McPherson, MD, FACS
 Jose A. Rodriguez, MD
 Peter K. Sculco, MD

9:30 BREAK & VISIT THE EXHIBITS

10:10 - 11:10 NEW TECHNOLOGY THAT MAY LEAD TO
 OUTPATIENT TOTAL KNEE REPLACEMENT 2018
 Moderator: Scott Sporer, MD
 Timekeepers: Michael Bolognesi, MD
 Anil Ranawat, MD
 Computer/Text Questions Chairman:
 Jose A. Rodriguez, MD

10:10 Panel: 58-Year-Old Avid Runner, Now For Her First
 Total Knee Replacement - Has Read The Internet
 Thoroughly
 Panel Moderator: Scott Sporer, MD
 10:10 Pro: Precision Alignment Technology In Your
 Hand, Gets It Done
 Michael P. Ast, MD
 10:17 Pro: 3D Computer Navigation Imaging Is
 The Answer
 Craig M. McAllister, MD
 10:24 Pro: Sensor-Assisted Technology Improves
 Patient Outcomes & Satisfaction
 Adolph V. Lombardi, Jr, MD, FACS
 10:31 Pro: CT-Free Handheld, Robotic-Assisted
 Total Knee Replacement
 Steven B. Haas, MD
 10:38 Pro: CT-Guided, Robotic Arm-Assisted Total
 Knee Arthroplasty
 Matthew S. Hepinstall, MD

10:45 Honored Professor Lecture: Lessons Learned In 35
 Years Of Total Knee Arthroplasty
 Thomas S. Thornhill, MD

11:05 Evolving Technique Update: Acetaminophen
 Injection For Postoperative Pain Can Make A
 Difference In Your Patient Satisfaction
 Michael P. Ast, MD

11:10 - 12:00 LIVE SURGERY #1

MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY
 Moderator: Adolph V. Lombardi, Jr, MD, FACS
 Surgeon: Craig J. Della Valle, MD



ADVANCED REGISTRATION REQUIRED

12:00 Lunch With Non-CME Spotlight Sessions
 Sign Up Mandatory
 For A Full List of Spotlight Sessions, Please See
 Pages 49-50. You Must Sign Up To Enjoy Lunch

1:00 Dessert & Visit The Exhibits

1:30 - 2:23 THREE DUELS BEGIN: MY FRIEND, YOU ARE
 WRONG, DON'T CONFUSE STAGE PRESENCE
 VERSUS CLINICAL PRACTICE - THE GLOVES
 ARE OFF
 Moderator: Douglas E. Padgett, MD
 Timekeeper: Michael P. Ast, MD
 Computer/Text Questions Chairman:
 Beth E. Shubin-Stein, MD

1:30 Debate: 51-Year-Old Marathon Runner Read On
 The Web About A Better Prosthesis With Guided
 Motion: Post Or No Post
 Debate Moderator: Scott Sporer, MD
 1:30 Pro: It's All About The Medial Congruent
 Design
 Wayne G. Paprosky, MD
 1:36 Pro: Wrong! Wake Up Old Man! ACL/PCL
 Substituting
 Fred D. Cushner, MD

1:42 Final Rebuttal
 Fred D. Cushner, MD
 Wayne G. Paprosky, MD

1:44 Moderator Thoughts
 Douglas E. Padgett, MD

1:46 Debate: Same Day Total Knee Replacement Versus
 The Classic
 Debate Moderator: Michael P. Ast, MD
 1:46 Pro: I've Been Doing It For Years! My
 Patients Love It!
 Adolph V. Lombardi, Jr, MD, FACS
 1:52 Pro: Are You Crazy?!?! My Patients Are Well
 Cared For
 Douglas A. Dennis, MD

1:58 Final Rebuttal
 Douglas A. Dennis, MD
 Adolph V. Lombardi, Jr, MD, FACS

2:00 Moderator Thoughts
 Douglas E. Padgett, MD

2:02 Debate: 71-Year-Old Three Months After Total
 Knee Arthroplasty With Drainage From The Wound
 Debate Moderator: Michael Bolognesi, MD
 2:02 Pro: Single Stage Exchange Can Work
 Nicely If You Know The Rules
 Edward J. McPherson, MD, FACS
 2:08 Pro: The Two Stage, Standard Technique
 Keeps You Out Of Trouble & Out Of Corners
 Henry D. Clarke, MD

2:14 Final Rebuttal
 Henry D. Clarke, MD
 Edward J. McPherson, MD, FACS

2:16 Moderator Thoughts
 Michael Bolognesi, MD

2:18 Evolving Technique Update: 71-Year-Old Former
 Marathoner With 15 Degrees Valgus - The Winning
 Checklist - My Lessons Learned
 Giles R. Scuderi, MD

KNEE: ARTHROPLASTY • BELLAGIO BALLROOM 2, 3, 4, 6, 7

2:23 - 3:09 REVISION TOTAL KNEE ARTHROPLASTY Moderator: Wayne G. Paprosky, MD	
2:23	Panel: 7 Minutes Each, Tips & Tricks For These Difficult Cases Panel Moderator: Michael Bolognesi, MD 2:23 Pro: Managing Bone Defects: Cones, Bone Grafts - I Will Give You The Answer For Revision TKR Wayne G. Paprosky, MD 2:30 Pro: When To Go More Constrained - My Guidelines For Revision TKR Amar S. Ranawat, MD 2:37 Pro: Oral Antibiotics Following Two Stage Exchange - Listen Up, I Know The Answer Michael P. Ast, MD
2:44	Case Presentations With Questions And Answers: Challenges In Difficult Primary & Revision Knee Arthroplasty Case Panel Moderators: Douglas E. Padgett, MD Wayne G. Paprosky, MD Case Panel: Michael Bolognesi, MD Fred D. Cushner, MD Douglas A. Dennis, MD Steven B. Haas, MD Adolph V. Lombardi, Jr, MD, FACS Amar S. Ranawat, MD Giles R. Scuderi, MD Thomas S. Thornhill, MD
3:09 - 4:07 THE ART & SCIENCE OF UNICONDYLAR KNEE ARTHROPLASTY Moderator: Steven B. Haas, MD	
3:09	Panel: So Many Choices: How I Do My Medial UKA Panel Moderator: Michael J. Kaplan, MD 3:09 Pro: Medial UKA: Smart Instruments Make It Easy - Handheld Robotic Assisted Michael P. Ast, MD 3:16 Pro: PSI: Means Personalized Medial Unicondylar Knee For Perfection Philip Davidson, MD 3:23 Pro: Mobile UKA Trumps Fixed-Bearing UKA Every Time Adolph V. Lombardi, Jr, MD, FACS
3:30	Evolving Technique: Lateral UKA Makes The Difference In Young Patients With Return To Sports Kevin D. Plancher, MD, MPH
3:37 BREAK & VISIT THE EXHIBITS	

4:07 - 4:49 THE PATELLOFEMORAL JOINT Moderator: Sabrina M. Strickland, MD Timekeepers: Fred D. Cushner, MD Peter K. Sculco, MD Computer/Text Questions Chairman: Giles R. Scuderi, MD	
4:07	Panel: My Knee Hurts In The Middle & My Kneecap Dislocated When I Was Younger Panel Moderator: Beth E. Shubin-Stein, MD 4:07 Pro: Anterior Knee Pain & Patellar Instability: How To Diagnose & Solve Sabrina M. Strickland, MD 4:14 Pro: The Trochleoplasty In The United States: Its Coming Slowly Warren G. Kramer, III, MD 4:21 Pro: MPFL Reconstruction: Tips & Tricks For Successful Outcomes Beth E. Shubin-Stein, MD 4:28 Pro: MPFL Complications, What I Learned! Jason L. Koh, MD, MBA 4:35 Pro: When Is An MPFL Not Enough? What About Bony Procedures? David R. Diduch, MD, MS
4:42	Evolving Technique: 38-Year-Old Firefighter With Pain Unable To Climb Up Ladders & Unable To Work: Patellofemoral Arthroplasty Is The Solution Philip Davidson, MD
4:49 - 5:23 THE OSTEOTOMY: WE NEED TO GET BETTER-EUROPE & THE REST OF THE WORLD ARE SCREAMING AT US Moderator: Anil Ranawat, MD	
4:49	Understanding The Osteotomy: Let Me Calm You Down Warren G. Kramer, III, MD
4:57	How To Avoid Complications With HTO: Not So Hard Anil Ranawat, MD
5:05	Evolving Technique Update: 5 Tips In 5 Minutes, My Technique For An HTO Thomas M. DeBerardino, MD, FAOA
5:10	Evolving Technique Update: What's Important To Know & What's New In Patellofemoral Rehabilitation Kevin E. Wilk, PT, DPT, FAPTA
5:15	The Distal Femoral Osteotomy In A 31-Year-Old Female Runner Seth Lawrence Sherman, MD
5:23 - 6:04 THE TOTAL KNEE CONVERSIONS: IT IS NOT RELIGION Moderator: Adolph V. Lombardi, Jr, MD, FACS	
5:23	Evolving Technique: Converting The UKA To A Total Knee: When, How - Tips & Tricks Michael J. Kaplan, MD
5:30	Evolving Technique: Converting The PFJ To A Total Knee: When, How - Tips & Tricks Amar S. Ranawat, MD

KNEE: ARTHROPLASTY • BELLAGIO BALLROOM 2, 3, 4, 6, 7

5:37	<p>Evolving Technique: Converting The Osteotomy To A Total Knee: When, How - Tips & Tricks <i>Giles R. Scuderi, MD</i></p>
5:44	<p>Case Presentations With Questions & Answers: Practical Solutions For The Patellofemoral Joint, Conversions & Understanding The Osteotomy <i>Case Panel Moderators: Jose A. Rodriguez, MD Giles R. Scuderi, MD</i></p> <p><i>Case Panel: Fred D. Cushner, MD Jason L. Koh, MD, MBA Amar S. Ranawat, MD Anil Ranawat, MD Peter K. Sculco, MD Beth E. Shubin-Stein, MD Sabrina M. Strickland, MD</i></p>
6:04	<p>End Of CME Educational Program</p>
7:00 - 8:30	<p>Chairman's Reception Dinner Food Stations & Libations</p>

JOIN US!

Chairman's Reception Thursday, December 6th

7:00–8:30PM

Exhibit Hall



Grand Ballroom 1, 2, 4, 5, 8

The OSET Board and entire faculty welcome all Course Attendees and their guests to the Chairman's Reception. The Chairman's Reception will feature heavy hors d'oeuvres and food stations with libations. This experience offers all attendees the opportunity to meet and network with our expert faculty, industry, and colleagues. **Don't Miss Out!**



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Complete the Exhibits Card* and enter your form into the daily drawings for a chance to win! (Drones, iPhone 10s Plus More!)

*Exhibit card can be found in your OSET registration backpack.



HAND, WRIST & ELBOW • GRAND BALLROOM 6

6:50 **Welcome & Introduction**

Hand, Wrist, Elbow Co-Chairs
David S. Ruch, MD
Noah D. Weiss, MD
Jeffrey Yao, MD

Honored Professors
Jesse B. Jupiter, MD
Peter J. Stern, MD

Distinguished Professor
Bernard F. Morrey, MD

6:55 **THE ELBOW FROM TENDON, LIGAMENT, MUSCLE, BONE & NERVE IN 5 HOURS**

Moderator: Noah D. Weiss, MD
Timekeepers: George A. Paletta, Jr., MD, MBA
Noah D. Weiss, MD
Computer/Text Questions Chairman:
Michael D. McKee, MD, FRCS

6:55 **Panel: A 50-Year-Old Right-Hand Dominant Construction Worker With 6 Months Of Right Lateral Elbow Pain**

Panel Moderator: Larry D. Field, MD

6:55 **Pro: Stem Cells And Growth Factors 2018: Time To Get On Board!**

Dean G. Sotereanos, MD

7:02 **Pro: No Razzle Dazzle, Time For The Percutaneous Ultrasonic Tenotomy**

Bernard F. Morrey, MD

7:09 **Pro: Solving The Problem: 20 Years Of The Anconeus Flap As A Nirschl Modification - You're Not Listening**

David S. Ruch, MD

7:16 **Pro: Radial Tunnel Is Real & You Are Missing It: I Release It Routinely**

Bobby Chhabra, MD

7:23 **Pro: Leave It Alone! Why Treat What's Going To Get Better Anyway**

Noah D. Weiss, MD

7:30 **Panel: A 37-Year-Old CrossFit Athlete Lifting Weights Notices A Proximal Popeye Muscle In His Dominant Arm For 8 Weeks, Now Is Worried**

Panel Moderator: Bernard F. Morrey, MD

7:30 **Pro: I Fix This No Problem: Single Incision, Let Me Show You How!**

Glen Ross, MD

7:37 **Pro: The Two Incision Technique, It's Mayo All The Way, No HO!**

Scott P. Steinmann, MD

7:44 **Pro: You Need To Graft Every Time To Get Him Back To Competition, Let Me Show You The Way**

Dean G. Sotereanos, MD

7:51 **Pro: You Have It All Wrong, The Literature Says It Doesn't Matter, He Isn't Losing Strength, Let Him Compete And Win!**

Bernard F. Morrey, MD

7:58 **Evolving Technique: The Distal Biceps: What I Have Learned And Avoiding Complications In 784 Repairs**
Raffy Mirzayan, MD

8:05 **Panel: A 17-Year-Old Baseball Pitcher Heard A Pop In His Throwing Arm At The Elbow**

Panel Moderator: George A. Paletta, Jr., MD, MBA

8:05 **Pro: Repairing The Ligament, Back To The Humerus Is The Way To Go, No Augmentation**

David S. Ruch, MD

8:12 **Pro: The Internal Brace Is Ready For Prime Time With This Tear!**

Jeffrey R. Dugas, MD

8:19 **Pro: The Role Of The Brace And PRP For Tears Off The Humerus**

Felix H. "Buddy" Savoie, III, MD

8:26 **Pro: Are You Kidding?!?! Conservative Treatment Does Fine With This Tear!**

Mark E. Baratz, MD

8:33 **Elbow Rehab After Instability Procedures: The Way I Get Them Back To Throwing & Understanding UCL Reconstruction**

Kevin E. Wilk, PT, DPT, FAPTA

8:45 **Debate: A 15-Year-Old Female Gymnast With A Pop After Months Of Pain In Her Elbow When Falling To Land After A Vault**

Debate Moderator: Graham J. W. King, MD, MSc, FRCS

8:45 **Pro: It's Simple, Scope, Debride, Treat With Microfracture: I Have The Results!**

David S. Ruch, MD

8:51 **Pro: OMG! It Is 2018, Wake Up Southern Man, You Need Osteochondral Plugs To Save Her Elbow: Let Me Show You How**

Bobby Chhabra, MD

8:57 **Case Presentations With Questions And Answers: Complications Of Tennis Elbow, Biceps Ruptures MCL, Tears & The Lateral Collateral Ligament**

Case Panel Moderators: Felix H. "Buddy" Savoie, III, MD

Scott P. Steinmann, MD

Case Panel: Mark E. Baratz, MD

Jeffrey R. Dugas, MD

Larry D. Field, MD

Lisa Lattanza, MD

Bernard F. Morrey, MD

Dean G. Sotereanos, MD

Michell Ruiz-Suarez, MD, PhD

Kevin E. Wilk, PT, DPT, FAPTA

9:27 **BREAK & VISIT THE EXHIBITS**

HAND, WRIST & ELBOW • GRAND BALLROOM 6

10:07 - 11:08 ELBOW & FOREARM FRACTURES
 Moderator: *Graham J. W. King, MD, MSc, FRCSC*
 Timekeepers: *Brian D. Adams, MD*
Mark E. Baratz, MD
 Computer/Text Questions Chairman:
Jeffrey R. Dugas, MD

10:07 Debate: A 66-Year-Old Cyclist Falls And Sustains An Intraarticular C2 Distal Humerus Fracture
 Debate Moderator: *Dean G. Sotereanos, MD*
 10:07 Pro: I Plate This Fracture, She Will Be Back On Her Bike In 4 Months Loving It
Scott P. Steinmann, MD
 10:13 Pro: Time For A Total Elbow, A Far Better Outcome
Michael D. McKee, MD, FRCS

10:19 Debate: A 25-Year-Old Female Gymnast Fell And Has A Terrible Triad Elbow Fracture Dislocation
 Debate Moderator: *Bobby Chhabra, MD*
 10:19 Pro: I Repair The Lateral Collateral Ligament Complex And Replace The Radial Head With A Bipolar Prosthesis And Leave The Coronoid Alone
Graham J. W. King, MD, MSc, FRCSC
 10:25 Pro: Fix It All Including The Coronoid
Scott P. Steinmann, MD

10:38 Honored Professor Lecture: The Distal Humerus Non-Union: My Approach, How To Avoid It - It Has Worked For 30 Years, Let Me Show You What I Have Learned
Jesse B. Jupiter, MD

10:58 Mini-Debate: A 9-Year-Old With A Type Three Supracondylar Humerus Fracture, Pink Hand & An Absent Pulse
 Debate Moderator: *Bobby Chhabra, MD*
 10:58 Pro: I Would Treat It Closed!
Lisa Latanza, MD
 11:03 Pro: I Would Explore It! I Know It's Vegas But Seriously?!?!
Fraser J. Leversedge, MD

11:08 - 11:43 THE ARTHRITIC ELBOW
 Moderator: *William B. Geissler, MD*

11:08 Evolving Technique Update: Radiocapitellar Arthritis: Excision Of The Radial Head Arthroscopically - Tips & Tricks
Felix H. "Buddy" Savoie, III, MD

11:13 Evolving Technique Update: Radial Head Fractures: When To Excise, When ORIF In 2018
Glen Ross, MD

11:18 Mini-Debate: 27-Year-Old Rugby Player In A Scrum Injured 2 Years Ago, Now With A Painful, Stiff Elbow
 Panel Moderator: *Graham J. W. King, MD, MSc, FRCSC*
 1:18 Pro: Release It Open: Reliable, You Can Get The Results
Scott P. Steinmann, MD
 1:23 Pro: Give Me The Scope: Everything You Can Do, I Can Do Better!
Larry D. Field, MD

FEATURE

11:28 Distinguished Professor Lecture: Complications Of The Total Elbow Replacement, The Challenges I Have Met And Conquered!
Bernard F. Morrey, MD

11:43 - 12:11 THE HOME STRETCH - IT'S ALL ABOUT THE NERVE
 Moderator: *Jeffrey R. Dugas, MD*

11:43 Mini-Panel: A 50-Year-Old Electrician/Amateur Weekend Baseball Pitcher With No Atrophy And Positive EMG Compression At The Cubital Tunnel
 Panel Moderator: *Bobby Chhabra, MD*
 11:43 Pro: Keep It Simple, Decompression The Literature Says And My Experience Gets The Result!
Brian D. Adams, MD
 11:48 Pro: Don't Be Silly, Endoscopic Is Quick & Easy And Works Best!
Mark S. Rekart, MD
 11:53 Pro: Ulnar Nerve Transposition With Dehydrated Amniotic Membrane
Raffy Mirzayan, MD
 11:58 Pro: Subcutaneous Transposition Is The Answer In This Athlete!
Mark E. Baratz, MD
 12:03 Pro: Slow Down Young Men, Go Big Or Go Home, Submuscular Transposition Is Necessary! One And Done!
Peter J. Stern, MD

12:08 Final Commentary: The House Speaks, What I Have Learned Over 2 Days In 3 Minutes
Peter J. Stern, MD

12:11 End Of CME Educational Program

ADVANCED REGISTRATION REQUIRED

12:11 Lunch With Non-CME Spotlight Sessions
Sign Up Mandatory
 Unstable Elbow: Solving The Problem Finally!
 Supported by Skeletal Dynamics
 Room: Grand Ballroom 7
 Faculty: *Jorge L. Orbay, MD*
 For A Full Description, Please See Page 50.
 You Must Sign Up To Enjoy Lunch

1:11 Dessert & Visit The Exhibits

COMMERCIAL SUPPORT

Orthopaedic Summit would like to thank the following companies for providing an educational grant and/or in-kind support:

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FOOT & ANKLE • GRAND BALLROOM 6

ADVANCED REGISTRATION REQUIRED

12:00 - 1:00 Lunch With Non-CME Spotlight Sessions
Sign Up Mandatory

Repair vs. Reconstruction: Challenging The Gold Standard For Lateral Ankle Instability
Supported by ConMed

Room: Grand Ballroom 6
Faculty: Mark Glazebrook, MSc, PhD, MD, FRCS(C)
Christopher Lee, MD

For A Full Description, Please See Page 49.

1:35 **Welcome & Introduction**
Foot & Ankle Co-Chairs
Mark Glazebrook, MSc, PhD, MD, FRCS(C)
James W. Stone, MD

Honored Professor
Keith L. Wapner, MD

1:40 - 2:13 **OSTEOCHONDRAL LESIONS OF THE TALAR DOME**
Moderator: Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)
Timekeeper: Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)
Computer/Text Questions Chairman:
Thomas H. Lee, MD

1:40 Panel: 19-Year-Old Basketball Phenom With A Division I Scholarship, OCD Medial Talar Dome 1.5 cm Diameter
Panel Moderator: J. Chris Coetzee, MD, Mb, ChB

1:40 **Pro: Debride & Base Stimulation: I Am Old But It Works!**
James W. Stone, MD

1:47 **Pro: Osteochondral Autograft: Let Me Show You Why**
James A. Nunley, MD, MS

1:54 **Pro: MACI & New Techniques: It Is 2018! Wake Up Guys!**
J. Chris Coetzee, MD, Mb, ChB

2:01 **Pro: The Role Of Biologics: Stem Cells, Growth Factors, Injections**
Martin O'Malley, MD,

2:08 **Commentary: The Osteochondral Lesion Consensus Meeting Update - Summary In 5 Minutes**
Richard D. Ferkel, MD

2:13 - 2:34 **INNOVATION IN FOOT & ANKLE SURGERY**
Moderator: Troy S. Watson, MD

2:13 **Intelligent Bone Regeneration: No Metal - What Is It?**
Gregory C. Berlet, MD, FRCS(C), FAOA

2:20 **Mini-Honored Professor's Thoughts: Evolving Technique: Weightbearing CT Scans For Foot & Ankle Surgeons**
Keith L. Wapner, MD

2:27 **Evolving Technique: The Role Of Bone Stimulation: Any Science?**
Robert B. Anderson, MD

2:34 - 2:56 **HALLUX VALGUS: AN ALGORITHM FOR TREATMENT**
Moderator: James A. Nunley, MD, MS

2:34 **Evolving Technique Update: 5 Tips, 5 Minutes - Keys To The History, Physical Exam, & Radiologic Evaluation In Planning Surgical Treatment**
Sam A. Labib, MD

2:39 **Debate: 54-Year-Old Female Runner With Non-Congruent Hallux Valgus - I Want My Jimmy Choo's Back**
Debate Moderator: Michael J. Coughlin, MD

2:39 **Pro: Soft Tissue Reconstruction With Osteotomy: My Preferred Repair**
Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)

2:45 **Pro: Always Think Of The Lapidus Procedure**
J. Chris Coetzee, MD, Mb, ChB

2:51 **Honored Professor Commentary: The 19-Year-Old With A Hallux Valgus & Crossover Second Toe: When To Operate, When To Hold Off**
Keith L. Wapner, MD

2:56 - 3:25 **HALLUX RIGIDUS**
Moderator: Michael J. Coughlin, MD

2:56 **Debate: 45-Year-Old Competitive Tennis Player With Painful Great Toe & Inability To Win The Championship**
Debate Moderator: Robert B. Anderson, MD

2:56 **Pro: Cheilectomy: Newer Thoughts, How I Decide**
Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)

3:03 **Pro: Remove The Pain With One Operation: An MTP Joint Fusion**
Thomas H. Lee, MD

3:10 **Pro: It's 2018! Don't Be Worried, Replacement Is The Answer! How To Get A Satisfied Patient**
Mark Glazebrook, MSc, PhD, MD, FRCS(C)

3:17 **Synthetic Cartilage Implant Maintaining Motion, The Latest & Greatest - Why Aren't You Doing It!**
Judith F. Baumhauer, MD, MPH

3:25 - 3:30 **TURF TOE**
Moderator: A. Holly Holland Johnson, MD

3:25 **Evolving Technique Update: Keys To The History, Physical Examination, & Radiographic Evaluation For Planning Treatment: 5 Tips In 5 Minutes**
Michael J. Coughlin, MD

3:30 **BREAK & VISIT THE EXHIBITS**

FOOT & ANKLE • GRAND BALLROOM 6

4:03 - 4:15 TURF TOE CONT'D
 Moderator: A. Holly Holland Johnson, MD
 Timekeeper: J. Chris Coetzee, MD, Mb, ChB
 Computer/Text Questions Chairman:
 Mark E. Easley, MD

4:03 Debate: 29-Year-Old Professional Football Player With Hyperextension Great Toe Injury: It Could Happen To You
 Debate Moderator: Judith F. Baumhauer, MD, MPH
 4:03 Pro: I Can Get Him Back On The Field & Finish The Season With Nonoperative Treatment
 Anand Vora, MD
 4:09 Pro: Time To Fix The Great Toe For A Long Term Solution: Don't Be Stupid - I Am A Team Doc, I Know The Answer
 Robert B. Anderson, MD

4:15 - 4:55 THE PLANTAR PLATE: DIAGNOSIS & TREATMENT OPTIONS
 Moderator: Michael J. Coughlin, MD

4:15 Debate: 40-Year-Old Marathon Runner With A Plantar Plate Rupture 6 Weeks Ago & Early Hammer Toe Deformity
 Debate Moderator: Mark Glazebrook, MSc, PhD, MD, FRCS(C)
 4:15 Pro: Fuse The PIP, Release Soft Tissues And Pin The Toe - The Gold Standard
 Troy S. Watson, MD
 4:21 Pro: What? Anatomy My Friends, Repair The Plantar Plate
 Martin O'Malley, MD,

4:27 Open Hindfoot & Midfoot Arthrodesis - Tips & Tricks
 Judith F. Baumhauer, MD, MPH

4:35 Case Presentations With Questions & Answers: The Midfoot & Forefoot Complications And Solutions
 Case Panel Moderators: J. Chris Coetzee, MD, Mb, ChB
 Selene G. Parekh, MD, MBA
 Case Panel: Robert B. Anderson, MD
 Judith F. Baumhauer, MD, MPH
 Peter G. Mangone, MD
 James A. Nunley, MD, MS
 Martin O'Malley, MD
 Phinit Phisitkul, MD
 James W. Stone, MD
 Anand Vora, MD

4:55 - 5:23 FLATFOOT DEFORMITY
 Moderator: Martin O'Malley, MD

4:55 Debate: 53-Year-Old Female With Acquired Flatfoot Deformity
 Debate Moderator: J. Chris Coetzee, MD, Mb, ChB
 4:55 Pro: Soft Tissue Reconstruction Procedures Work Perfectly: Why Destroy The Foot
 Mark E. Easley, MD
 5:02 Pro: Wrong! You Better Fuse The Bone Otherwise You Will Fail
 Thomas H. Lee, MD

5:09 Pro: Deltoid Reconstruction Due To Medial Instability Is The Cause Of Flatfoot & Needs To Be Fixed
 Bryan D. Den Hartog, MD

5:16 Mini-Honored Professor's Thoughts: Evolving Technique: The Flexible Adult Flatfoot & Posterior Tibial Dysfunction: How The Z Cut Calcaneal Osteotomy Is The Answer
 Keith L. Wapner, MD

5:23 - 6:03 DIABETIC FOOT
 Moderator: A. Holly Holland Johnson, MD

5:23 How I Evaluate & Treat Diabetic Foot Ulcers
 Mark Glazebrook, MSc, PhD, MD, FRCS(C)

5:31 Debate: 40-Year-Old Insulin Dependent Diabetic With Acute Charcot Hindfoot And Hemoglobin A1C Of 8.0
 Debate Moderator: A. Holly Holland Johnson, MD
 5:31 Pro: Be Conservative: Wait It Out For Charcot To Burn Out
 Anand Vora, MD
 5:37 Pro: Operate Immediately To Prevent Deformity
 Alastair S. Younger, MB, ChB, MSc, ChM, FRCS(C)

5:43 Debate: 50-Year-Old With A BMI Of 38 & Hemoglobin A1C Of 6.2 With A Trimalleolar Fracture
 Debate Moderator: A. Holly Holland Johnson, MD
 5:43 Pro: Fix The Fracture ORIF: It Will Prevent Charcot
 Martin O'Malley, MD
 5:49 Pro: Minimally Invasive Arthroscopic Repair Avoids Infection, Charcot, DVT - Be Real
 Selene G. Parekh, MD, MBA

5:55 Mini-Honored Professor's Thoughts: The Cavus Foot: A Deformity That May Need Treatment & What I Do & When I Do It
 Keith L. Wapner, MD

6:03 End Of CME Educational Program

CHAIRMAN'S RECEPTION



Join Us With Your Significant Other



Thursday, December 6th

7:00-8:30PM

Exhibit Hall:

Grand Ballroom 1, 2, 4, 5, 8

ADVANCED PRACTITIONER SUMMIT • CEZANNE

7:00am **Welcome & Introduction**
 Advanced Practitioner Chair
 Charles A. Thigpen, PT, PhD, ATC

7:05 - 9:27 **ANTERIOR CRUCIATE LIGAMENT**
 Moderator: Lane Bailey, PT, PhD, DPT, CSCS
 Timekeeper: Ashley Campbell, PT, DPT, SCS, CSCS, CGFI-2

7:05 **What's My Risk Of Sustaining An ACL Injury While Playing Football (Soccer)?**
 Kate Webster, BSc(Hons), PhD

7:13 **Evolving Technique: The Effect Of Creatine Supplementation On Strength Recovery After Anterior Cruciate Ligament Reconstruction**
 Mark V. Paterno, PT, PhD, MBA, SCS, ATC

7:20 **Panel: 18-Year-Old Female Lacrosse Player With Ligamentous Laxity, Why She Is At Risk For An ACL Tear**
 Panel Moderator: Kate Webster, BSc(Hons), PhD
7:20 **Pro: I Know The Answer, I Have Done The Research For At Risk ACL Patients**
 Lynn Snyder-Mackler, PT, ATC, SCS, ScD
7:28 **Pro: I Have Done The Research, I Know The Dogma, And I Know How To Prevent ACL Tears**
 Mark V. Paterno, PT, PhD, MBA, SCS, ATC
7:36 **Pro: Copers Are A Myth: 5 Keys To Success With Early Surgery**
 Lane Bailey, PT, PhD, DPT, CSCS

7:44 **Non-Operative Treatment For The ACL Coper: The Role Of Training, When I Use A Brace - Let Me Give You All My Secrets**
 Lynn Snyder-Mackler, PT, ATC, SCS, ScD

7:52 **Guest Surgeon Panel: ACL Repair Versus Reconstruction - Back To The Future**
 Panel Moderator: Thomas M. DeBerardino, MD, FAOA
7:52 **Pro: ACL Repair Is The New Wave With An Internal Brace**
 Christopher S. Ahmad, MD
7:59 **Pro: ACL Repair Without An Internal Brace Is The Right Answer**
 Samuel A. Taylor, MD
8:06 **Pro: I Am In The Room With Crazy People: ACLR Is Anatomic, It Works, Don't Forget**
 John C. Richmond, MD

FEATURE

8:13 **The 5- And 6-Strand Hamstring Tendon ACL Graft**
 Charles H. Brown, Jr., MD

8:21 **Debate: Can We Get Consensus: Return To Sport Following ACLR - We Need To Teach The Surgeons**
 Debate Moderator: Mark V. Paterno, PT, PhD, MBA, SCS, ATC
8:21 **Pro: Objective Sport Test Criteria: Let Me Show You Ours**
 Lynn Snyder-Mackler, PT, ATC, SCS, ScD
8:29 **Pro: ACL Prevention Is More Important: I Know The Answers, Let Me Share**
 Lane Bailey, PT, PhD, DPT, CSCS

8:37 **What Is New In The Rehab Of The ACL Patient**
 Kevin E. Wilk, PT, DPT, FAPTA

8:49 **Factors Associated With Psychological Readiness To Return To Sport After Anterior Cruciate Ligament Reconstruction Surgery**
 Kate Webster, BSc(Hons), PhD

8:57 **Case Presentations With Questions & Answers: ACL Repair, Reconstruction & Rehab**
 Case Panel Moderators: Kevin E. Wilk, PT, DPT, FAPTA
 John C. Richmond, MD
 Case Panel: Lane Bailey, PT, PhD, POT, CSCS
 Thomas M. DeBerardino, MD, FAOA
 Darren L. Johnson, MD
 Mark V. Paterno, PT, PhD, MBA, SCS, ATC
 Clarence L. Shields, MD
 Lynn Snyder-Mackler, PT, ATC, SCS, ScD
 Kate Webster, BSc(Hons), PhD

9:27 **BREAK & VISIT THE EXHIBITS**

10:07 - 12:00 **HIP SESSION**
 Section Moderator: Mike Voight, DHSc, PT, OCS, SCS, ATC
 Timekeeper: Charles A. Thigpen, PT, PhD, ATC

10:07 **Chicken Or The Egg: Differential Diagnosis Of Hip Versus Core Muscle Injury**
 Pete Draovitch, PT, MS, ATC, CSCS, SCS

10:17 **Debate: CAM Morphology: Pathology or Adaptation**
 Debate Moderator: Pete Draovitch, PT, MS, ATC, CSCS, SCS
10:17 **Pro: It's Normal Adaptation, FAI Is Non-Surgical**
 Mike Voight, DHSc, PT, OCS, SCS, ATC
10:24 **Pro: FAI Is Pathology That Must Be Fixed**
 Brian D. Busconi, MD

10:31 **Treatment And Return To Sport Progression For Core Muscle Injuries**
 Ashley Campbell, PT, DPT, SCS, CSCS, CGFI-2

10:41 **Evolving Technique: Diagnosis And Treatment Of Lateral Hip Pain**
 Pete Draovitch, PT, MS, ATC, CSCS, SCS

10:48 **Guest Surgeon Lecture: The Failed Hip Arthroscopic Patient: Principles Of Revision - How To Succeed: 5 Tips In 10 Minutes**
 Brian D. Busconi, MD

10:58 **Evolving Technique: Postoperative Rehab Following FAI And Labral Reconstruction For Hockey And Soccer Athletes**
 Ashley Campbell, PT, DPT, SCS, CSCS, CGFI-2

11:05 **Hip Labral Reconstruction: My Specific Rehab Program - 10 Tips, 10 Minutes**
 Pete Draovitch, PT, MS, ATC, CSCS, SCS

11:15 **New Injectables From Orthobiologics To Steroids In 5 Minutes**
 Kevin D. Plancher, MD, MPH

11:20 **Rehabilitation Following Regenerative Injections For The Knee And Hip**
 Mike Voight, DHSc, PT, OCS, SCS, ATC

ADVANCED PRACTITIONER SUMMIT • CEZANNE

11:30 Case Presentations With Questions & Answers:
Current Theory Of Hip Arthroscopy & Rehab
*Case Panel Moderators: Brian D. Busconi, MD
 Mike Voight, DHSc, PT,
 OCS, SCS, ATC*
*Case Panel: Ashley Campbell, PT, DPT, SCS, CSCS,
 CGFI-2
 Pete Draovitch, PT, MS, ATC, CSCS, SCS*

ADVANCED REGISTRATION REQUIRED

12:00 Lunch With Non-CME Spotlight Sessions
Sign Up Mandatory
*For A Full List of Spotlight Sessions, Please See
 Pages 49-50. You Must Sign Up To Enjoy Lunch*

1:00 Dessert & Visit The Exhibits

1:30 - 3:00 Ferring Pharmaceuticals Non-CME Procedure &
 Practice Injection Workshop
 A Hands-On Learning Experience For Physician
 Assistants, Nurse Practitioners and Surgeons
Supported by Ferring Pharmaceuticals
 Workshop Faculty:
 Michael W. Schucker, MS, PAS, PA-C

3:30 BREAK & VISIT THE EXHIBITS

4:00 - 6:00 Shoulder & Knee Ultrasound Workshop
 All Participants Invited - Physician Assistants, Nurse
 Practitioners, Physical Therapists, Athletic Trainers
 and Surgeons – Live Models
 Sign Up Necessary, Reserve Your Spot Now!
Supported by Konica Minolta
 Workshop Faculty:
 Joseph A. Abboud, MD
 Don Buford, MD
 Brian Jurbala, MD
 Mark A. Mighell, MD

“ I truly enjoyed being a part of such an incredible learning experience. Participants get to have the best professors in the field of orthopaedics in one place at the same time! Three days of non-stop interaction with cadaveric labs, workshops, and heated debates. ”

–Russell F. Warren, MD

ADVANCED REGISTRATION REQUIRED

DePuy Synthes AANA Knee & Shoulder
 Arthroplasty, Fracture, Arthroscopy
 Mini-Fellowship w/ Johnson & Johnson
 Medical Devices

*Supported by Johnson & Johnson Medical Devices
 Companies*

3:00 - 6:00pm | Bellagio Ballroom 1, 5

Shoulder Faculty: Carl J. Basamania, MD
 N. Douglas Boardman, III, MD
 Joel Goode, MD

Knee & Shoulder
 Sports Medicine Faculty: Robert T. Burks, MD
 Shariff K. Bishai, DO, MS, FAOAO
 Brian D. Busconi, MD
 Paul Favorito, MD
 Michael J. Gardner, MD
 Mark H. Getelman, MD
 Jonah Hebert-Davies, MD
 James Krieg, MD
 Marc R. Labbe, MD
 Richard K.N. Ryu, MD
 Sean McMillan, DO, FAOAO
 Felix H. "Buddy" Savoie, III, MD

Trauma Faculty: Michael J. Gardner, MD
 Jonah Hebert-Davies, MD
 James Krieg, MD

Experience how Johnson & Johnson Medical Devices leads in the shoulder continuum of care. This 3-hour educational event displays the comprehensive solutions in arthroscopic minimally invasive procedures, shoulder fracture, and shoulder arthroplasty. Attendees will hear from industry thought leaders on each of these solutions as well as opioid-sparing pain management, and will participate in a cadaveric lab of their procedural interest.

Work with the experts and perform up to two procedures.

Choose from:

- Shoulder Arthroplasty: Anatomic Global Unite Platform
- Reverse Global APG & Delta Extend
- Trauma: Proximal Humerus Fractures, Fracture Plating, IM Nailing
- Latarjet
- Superior Capsular Reconstruction
- Arthroscopic Rotator Cuff & Bankart Repair
- ACL Repair
- PCL Repair
- Meniscal Repair

SHOULDER ARTHROPLASTY & FRACTURES • BELLAGIO BALLROOM 2, 3, 4, 6, 7

6:50	<p>Welcome & Introduction Shoulder Arthroplasty Co-Chairs Joseph A. Abboud, MD Richard J. Friedman, MD, FRCSC Lawrence V. Gulotta, MD Patrick St. Pierre, MD</p> <p>Honored Professors Evan L. Flatow, MD</p> <p>International Honored Professors Ofer Levy, MD, MCH(Ortho), FRCS Jae Chul Yoo, MD</p> <p>Distinguished Professors Jeffrey S. Abrams, MD Hollis G. Potter, MD</p>
6:55	<p>Mini-Current Concept: Non-Shoulder Causation Of Shoulder Injuries - Listen Up! W. Benjamin Kibler, MD</p>
7:00 - 8:11	<p>PROXIMAL HUMERUS FRACTURES Moderator: Anand Murthi, MD Timekeepers: Joseph Abboud, MD Patrick St. Pierre, MD Computer/Text Questions Chairman: Xavier A. Duralde, MD</p>
7:00	<p>Evolving Technique Update: Proximal Humerus Tuberosity Healing With A Hemi: 5 Tips, 5 Minutes - It's Not So Confusing Xavier A. Duralde, MD</p>
7:05	<p>Panel: 47-Year-Old Road Warrior Cyclist With A 3 1/2 Part Proximal Humerus Fracture: My Way! Panel Moderator: Lawrence V. Gulotta, MD</p>
7:05	<p>Pro: ORIF With Locking Plate - We Learned It In Residency Joseph A. Abboud, MD</p>
7:12	<p>Pro: ORIF With 3D Intramedullary Locking Plate - New Bells And Whistles Patrick St. Pierre, MD</p>
7:19	<p>Pro: ORIF With The Newest IM Nail Christopher R. Chuinard, MD, MPH</p>
7:26	<p>Pro: The Cage: It Makes Sense, New Kid On The Block, Try It! You Will Never Go Back Michael J. Gardner, MD</p>
7:33	<p>Pro: Stop Fooling Around, Do The Reverse, You Are All Insane - I Get The Results Bradford O. Parsons, MD</p>
7:40	<p>Commentary: My Perspective As A Trauma Surgeon Frank A. Liporace, MD</p>
7:43	<p>The 69-Year-Old Former Ski Patrolman With A Proximal Humerus Fracture Extending Midshaft, Nerve In: Use The Reverse Long Stem, Let Me Show You The Results! Stop The Plating! Sumant Krishnan, MD</p>

7:51	<p>Case Presentations With Questions & Answers: Proximal Humerus Fractures Case Panel Moderators: Sumant Krishnan, MD Anand Murthi, MD Case Panel: Joseph A. Abboud, MD Christopher R. Chuinard, MD, MPH Richard J. Friedman, MD, FRCSC Lawrence V. Gulotta, MD Frank A. Liporace, MD Bradford O. Parsons, MD Patrick St. Pierre, MD Scott P. Steinmann, MD</p>
8:11 - 9:29	<p>TOTAL SHOULDER ARTHROPLASTY Section Moderators: Peter D. McCann, MD Anand Murthi, MD</p>
8:11	<p>Evolving Technique: Osteoarthritis of The Shoulder: I Do NOT Want Shoulder Surgery - What Non-Surgical Treatment Is Out There And Show Me The Peer-Reviewed Evidence Don Buford, MD</p>
8:18	<p>Evolving Technique: Pre-Op Planning For The TSA Patient, Why I Do It And You Should As Well Peter D. McCann, MD</p>
8:25	<p>Evolving Technique Update: Humeral Exposure Is The Key To Glenoid Exposure: Say What? Robert Z. Tashjian, MD</p>
8:30	<p>The Anatomic Total Shoulder: So Many Choices - What I Do To Get The Results! Scott P. Steinmann, MD</p>
8:38	<p>Evolving Technique Update: Chamfer Cuts Around The Shoulder, What? Tell Me More Steven Scott Goldberg, MD</p>
8:43	<p>The Infected Shoulder Arthroplasty (Stemmed & Stemless): The Role of Antibiotic Spacers Lawrence V. Gulotta, MD</p>
8:51	<p>Debate: The Role Of Physical Therapy For Patients With Total Shoulder Arthroplasty Debate Moderator: W. Benjamin Kibler, MD</p>
8:51	<p>Pro: The Therapist Is King & Queen: It Is True, Tried And Gets Results Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS</p>
8:57	<p>Pro: The Patient Is The King & Queen Of The Party: Don't Waste Money - Home Therapy Every Time Patrick St. Pierre, MD</p>
9:03	<p>Panel: How I Manage The Biconcave Glenoid In A 65-Year-Old Rock Climber Panel Moderator: Mark A. Mighell, MD</p>
9:03	<p>Pro: Eccentric Reaming Is Enough For Me: Keep It Simple Peter D. McCann, MD</p>
9:10	<p>Pro: Bone Grafting Is The Only Way To Get Success Sumant Krishnan, MD</p>
9:17	<p>Pro: Augmented Glenoids Are Here Now! Wake Up Old Guys Jay D. Keener, MD</p>

SHOULDER ARTHROPLASTY & FRACTURES • BELLAGIO BALLROOM 2, 3, 4, 6, 7

9:24	Evolving Technique Update: Subscap Sparing TSA: Good-Bye Sling? <i>Felix H. "Buddy" Savoie, III, MD</i>
9:29	BREAK & VISIT THE EXHIBITS
9:59 - 10:30	TOTAL SHOULDER ARTHROPLASTY, CONT'D <i>Moderators: Peter D. McCann, MD Anand Murthi, MD</i> <i>Timekeepers: Bradford O. Parsons, MD John M. "JT" Tokish, MD</i> <i>Computer/Text Questions Chairman: Scott P. Steinmann, MD</i>
9:59	Humeral Resurfacing: Slow To Be Accepted In The US, Is It Time To Jump On Board And When? <i>Marc R. Labbe, MD</i>


FEATURE

10:07	International Honored Professor Lecture: Total Shoulder Arthroplasty: Stemless And Resurfacing - What It Is And Why It's Better <i>Ofer Levy, MD, MCh(Orth), FRCS</i>
10:22	Maintaining Surgical Options During Total Shoulder Arthroplasty <i>Marc J. Milia, MD</i>

10:30 - 12:02	IRREPARABLE CUFF AND THE REVERSE SHOULDER ARTHROPLASTY <i>Moderator: Joseph A. Abboud, MD</i>
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LIVE SURGERY #2

REVERSE SHOULDER ARTHROPLASTY
Supported By Integra LifeSciences
*Moderators: Mark A. Mighell, MD
Patrick St. Pierre, MD*
Surgeon: Matthew L. Ramsey, MD



11:00	The Irreparable Rotator Cuff Tear: My Option - Superior Capsular Reconstruction: The Perfect Indications And How I Failed Early On <i>John M. "JT" Tokish, MD</i>
11:07	The Irreparable Rotator Cuff Tear: My Option - The Role of The Ballon Arthroplasty In Practice <i>Joseph A. Abboud, MD</i>
11:15	Debate: The 70-Year-Old Soccer Grandma With Grade IV Osteoarthritis, No Rheumatoid, & A Thin Cuff <i>Debate Moderator: Dan Guttman, MD</i> 11:15 Pro: Total Shoulder Arthroplasty Is Still The Standard of Care <i>Xavier A. Duralde, MD</i> 11:21 Pro: Reverse Shoulder Arthroplasty Is The Right Answer! <i>Mark A. Mighell, MD</i>
11:27	Evolving Technique Update: The Revision Reverse Shoulder Arthroplasty: How I Do It And My Results! <i>Scott P. Steinmann, MD</i>

11:32	Evolving Technique: How I Revise A Total Shoulder To A Reverse Shoulder Arthroplasty, 7 Minutes - Hold On To Your Seats <i>Lawrence V. Gulotta, MD</i>
11:39	Evolving Technique Update: How I Deal With The Unstable Reverse <i>Jay D. Keener, MD</i>
11:44	Case Presentations With Questions & Answers: Reverse Shoulder Arthroplasty <i>Case Panel Moderators: Jay D. Keener, MD Mark A. Mighell, MD</i> <i>Case Panel: Joseph A. Abboud, MD Xavier A. Duralde, MD Lawrence V. Gulotta, MD Dan Guttman, MD Sumant Krishnan, MD Marc R. Labbe, MD Patrick St. Pierre, MD Robert Z. Tashjian, MD John M. "JT" Tokish, MD</i>

ADVANCED REGISTRATION REQUIRED

12:02	Lunch With Non-CME Spotlight Sessions Sign Up Mandatory <i>For A Full List of Spotlight Sessions, Please See Pages 51-52. You Must Sign Up To Enjoy Lunch</i>
1:02	Dessert & Visit The Exhibits

TEXT YOUR QUESTION TO THE MODERATOR

Get Real Answers From The Faculty

Bellagio Ballroom 2-3-4-6-7
Knee Arthroplasty/ Sports & Shoulder Arthroplasty/Sports
407-278-4223

Grand Ballroom 6
Hand/Wrist/Elbow, Foot/Ankle, Spine
407-550-5562

Grand Ballroom 3
Hip Arthroplasty & Preservation
407-603-3499

Grand Ballroom 9
Trauma
407-807-6833

SHOULDER: SPORTS • BELLAGIO BALLROOM 2, 3, 4, 6, 7

1:28	<p>Welcome & Introduction Shoulder Sports Co-Chairs Joseph A. Abboud, MD Larry Field, MD Claude T. Moorman, III, MD</p> <p>Honored Professors Evan L. Flatow, MD</p> <p>International Honored Professors Ofer Levy, MD, MCh(Ortho), FRCS Jae Chul Yoo, MD</p> <p>Distinguished Professors Jeffrey S. Abrams, MD Hollis G. Potter, MD</p>
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1:28 - 3:10	<p>ANTERIOR INSTABILITY Moderator: Mark H. Getelman, MD Timekeepers: Michael Freehill, MD Eric McCarty, MD Computer/Text Questions Chairman: Brian J. Cole, MD, MBA</p>
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1:28	<p>Debate: 18-Year-Old Senior In High School Baseball Pitcher Being Scouted, Dislocated His Shoulder Anteriorly 3 Weeks Ago, Not Much Pain Now - What To Do? Debate Moderator: Bradford O. Parsons, MD 1:28 Pro: Fix It Now, Don't Wait! Michael T. Freehill, MD 1:34 Pro: Wait! Fix It At The End Of The Season Anthony Miniaci, MD</p>
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1:40	<p>Evolving Technique Update: I Have The Rehab Program That Always Avoids Surgery And Gets Contact Athletes Back On The Field In Season, Watch Me! Kevin E. Wilk, PT, DPT, FAPTA</p>
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1:45	<p>Panel: Anterior Instability With Significant Bone Loss Panel Moderator: Eric C. McCarty, MD 1:45 Pro: The Distal Tibial Allograft: New Devices Make It Possible Brian J. Cole, MD, MBA 1:52 Pro: Distal Clavicle Autograft John M. "JT" Tokish, MD 1:59 Pro: Intracortical Iliac Crest Bone Graft Joseph A. Abboud, MD 2:06 Pro: The Open Latarjet Stephen F. Brockmeier, MD 2:13 Pro: The Arthroscopic Latarjet Is Not Dead Ivan H. Wong, MD, FRCSC</p>
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FEATURE

2:20	<p>Distinguished Professor Lecture: MRI Of The Shoulder From Arthroplasty, Biceps, Instability & Cuff: My View Of The World Hollis G. Potter, MD</p>
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2:35	<p>Mini-Honored Professor Lecture: My Approach To Evaluation And Treatment of Shoulder Instability With Bone Loss Today And When I Started: What I Have Learned Evan L. Flatow, MD</p>
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2:45	<p>Mini-International Honored Professor Lecture: Anterior Instability: My Experience from Across The Pond Ofer Levy, MD, MCh(Orth), FRCS</p>
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2:55	<p>International Honored Professor Lecture: Arthroscopic Bankart Repair: Why They Fail, What Has Changed Or Not Changed, And How Can We Improve? Jae Chul Yoo, MD</p>
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3:10 - 3:26 SNAPPING SCAPULA SYNDROME AND MISC. - SNEAK PREVIEW, STAY TUNED 2019
Moderator: W. Benjamin Kibler, MD

3:10	<p>Scapular Muscle Detachment: Say What? Is This A Real Entity? How I Treat It! W. Benjamin Kibler, MD</p>
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3:18	<p>Evolving Technique: Want Answers To Scapula Pain? Stop Treating Conservatively, Do The Arthroscopic Bursectomy Robert Z. Tashjian, MD</p>
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3:26 BREAK & VISIT THE EXHIBITS

3:51 - 4:29	<p>SUPERIOR LABRUM AND BICEPS Moderator: Alan S. Curtis, MD Timekeepers: George A. Paletta, Jr., MD, MBA Patrick St. Pierre, MD Computer/Text Questions Chairman: Claude T. Moorman, III, MD</p>
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3:51	<p>Panel Lightening Round: My Shoulder Hurts, It's Black And Blue And I Have A Distal Popeye Muscle - It Happened 7 Days Ago, Doc Panel Moderator: Eric C. McCarty, MD</p>
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3:51	<p>Pro: I Am A 23-Year-Old Pitcher & Basketball Player: What's My Best Treatment Alan S. Curtis, MD</p>
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3:56	<p>Pro: I Am A Welder For Union 403 & Need To Know How You Are Going To Help Me Brian J. Cole, MD, MBA</p>
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4:01	<p>Pro: I Have The Answer For The Biceps Tear: This Is What The Literature Says Eric C. McCarty, MD</p>
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4:06	<p>Commentary: What We Need To Say To Patients With A Biceps Tear - Level V Evidence, I Have Experience W. Benjamin Kibler, MD</p>
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4:09	<p>Evolving Technique Update: Opposing Viewpoint: There May Be A Role For A Superior Labral Repair In 2018 And Who Is It Performed On Brian J. Cole, MD, MBA</p>
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4:14	<p>Evolving Technique Update: Return To Play Criteria: What Is New In Overhead Athletes Kevin E. Wilk, PT, DPT, FAPTA</p>
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**SHOULDER SPORTS •
BELLAGIO BALLROOM 2, 3, 4, 6, 7**

4:19 Case Presentations With Questions And Answers: The Superior Labrum And Biceps
*Case Panel Moderators: Jeffrey S. Abrams, MD
 Felix H. "Buddy" Savoie, III, MD*
*Case Panel: Brian J. Cole, MD, MBA
 Alan S. Curtis, MD
 Michael T. Freehill, MD
 Spero G. Karas, MD
 W. Benjamin Kibler, MD
 Marc R. Labbe, MD
 Eric C. McCarty, MD
 George A. Paletta, Jr., MD, MBA
 John M. "JT" Tokish, MD
 Kevin E. Wilk, PT, DPT, FAPTA*

THE AC/SC JOINT: OVERDONE OR UNDERDONE CLAVICLE FRACTURES STAY TUNED 2019

4:34 - 5:25 POSTERIOR INSTABILITY AND YOUNG ATHLETES WITH OA
Moderator: Larry D. Field, MD

4:34 Evolving Technique: 35-Year-Old Electrician With One Too Many Shocks: Has A Posterior Glenoid Defect - I Can Make Him Happy & Get Him Back To Work - Here Are My Rules
John M. "JT" Tokish, MD

4:41 Evolving Technique: 21-Year-Old Offensive Lineman With Posterior Dislocation, Wants Back In The Game 2 Weeks After Reduction On The Field - What Are My Rules For Fixing And Return To Sport
Xavier A. Duralde, MD

4:48 Evolving Technique: Arthroscopic Glenoidplasty And Interpositional Dermal Grafts For OA In The Young Athlete: Emerging Technique And Results
Ivan H. Wong, MD, FRCSC

4:55 Case Presentations With Questions And Answers: Anterior And Posterior Instability
*Case Panel Moderators: Eric C. McCarty, MD
 John M. "JT" Tokish, MD*
*Case Panel: Jeffrey S. Abrams, MD
 Brian J. Cole, MD, MBAT
 Xavier A. Duralde, MD
 Larry D. Field, MD
 Spero G. Karas, MD
 Theodore F. Schlegel, MD
 Kevin E. Wilk, PT, DPT, FAPTA*

5:25 End Of CME Educational Program

ADVANCED REGISTRATION REQUIRED

5:30 - 7:00 Dinner Zimmer Biomet Educational Experience Non-CME/Human Anatomic Cadaver Labs & Virtual Simulation
Total Joint & Arthroscopic Knee/Hip/Shoulder Room: Bellagio Ballroom 1, 5
Food Stations & Libations - All Invited
Meet The Faculty, Solve Your Cases, From Arthroscopy to Arthroplasty
Full Details/See Page 53

HIP ARTHROPLASTY & PRESERVATION • GRAND BALLROOM 3

6:55 Welcome & Introduction
*Hip Arthroplasty & Preservation Co-Chairs
 Matthew S. Hepinstall, MD
 Allston J. Stubbs, MD, MBA*

*Honored Professors
 Wayne G. Paprosky, MD
 Thomas S. Thornhill, MD*

*Distinguished Professor
 Hollis G. Potter, MD*

7:00 - 9:30 HIP ARTHROPLASTY, DOING IT RIGHT: UPDATE 2018
*Moderators: Matthew S. Hepinstall, MD
 Douglas E. Padgett, MD*
*Timekeepers: Jose A. Rodriguez, MD
 Michael Bolognesi, MD*
*Computer/Text Questions Chairman:
 Douglas E. Padgett, MD*

7:00 Evolving Technique: Arthroplasty Templating: How I Do It, Why I Do It, How It Makes A Difference - It's A Must!
Jose A. Rodriguez, MD

7:07 Panel: 55-Year-Old Triathlete Needing His First Hip Debate Moderator: Douglas E. Padgett, MD
7:07 Pro: I Have Always Done Ceramic On Ceramic
John M. Keggi, MD

7:14 Pro: Dual Mobility Gives Stability: I Need All Of You To Jump On Board!
Scott Sporer, MD

7:21 Pro: Hip Resurfacing Is The Ideal First Choice: What Is Wrong With You All? - I Have 20 Years Experience
Thomas P. Gross, MD

7:28 Honored Professor Commentary: What I Would Do & Why!
Wayne G. Paprosky, MD

7:33 Evolving Technique: Arthroplasty In My Elite Athletes: What I Do, Do I Do It Different For The Weekend Warrior
Michael Bolognesi, MD

7:40 Debate: 69-Year-Old Former Professional Tango Dancer Requesting Anterior Total Hip Replacement Debate Moderator: Michael Bolognesi, MD

7:40 Pro: Set Up On The Table: Fewer Releases, Fewer Assistants, Better Results - Don't Worry!
Stefan W. Kreuzer, MD, MSc

7:46 Pro: Are You Crazy?!? Off The Table, Control Leg Length & Stability And No Ankle Fractures!
Jose A. Rodriguez, MD

7:52 Surgical Approaches For Total Hip Arthroplasty: Is It All Hype - What Is The Difference Between Posterior & Anterior
Douglas E. Padgett, MD

8:00 The Periprosthetic Fracture: So Many Types But So Simple, Let Me Solve It For You
Michael Bolognesi, MD

HIP ARTHROPLASTY & PRESERVATION • GRAND BALLROOM 3

8:07 **Case Presentations With Questions & Answers: The Anterior & Posterior Hip Battle With The Pros**
Case Panel Moderator: Douglas E. Padgett, MD
Case Panel: Michael Bolognesi, MD
Douglas A. Dennis, MD
Thomas P. Gross, MD
Matthew S. Hepinstall, MD
John M. Keggi, MD
Jose A. Rodriguez, MD
Scott Sporer, MD

8:37 **LIVE SURGERY #3**

OUTPATIENT ANTERIOR APPROACH TOTAL HIP REPLACEMENT

Supported By Medacta

Chair: Matthew S. Hepinstall, MD

Moderators: David Mayman, MD

Jose A. Rodriguez, MD

Surgeon: Benjamin G. Domb, MD



9:30 **BREAK & VISIT THE EXHIBITS**

10:10 - 10:42 **COMPLICATIONS & WHY I WORRY ABOUT TOTAL HIP REPLACEMENT**

Moderator: Wayne G. Paprosky, MD

Timekeepers: H. John Cooper, MD

Darwin Chen, MD

Computer/Text Questions Chairman:

Matthew S. Hepinstall, MD

10:10 **Metallosis, Trunnionosis & Pseudotumors: Basic Science, Diagnosis & Treatment - When Will It Stop**
H. John Cooper, MD

10:18 **Evolving Technique: Hip Infections: 8 Minutes That Will Save You & Your Patients A Lifetime Of Problems - Listen Closely**
Laura Donlin, PhD
Matthew S. Hepinstall, MD

10:26 **The Recalled Total Hip: My Advice From Life Experience**
Scott Sporer, MD

10:34 **Removal Of The Well-Fixed (Recalled Or Infected) Femoral Stem**
Michael B. Cross, MD

10:42 - 12:00 **RECONSTRUCTING BONE LOSS**

Moderator: Matthew S. Hepinstall, MD

10:42 **Modular Reconstruction Of Femoral Bone Loss**
Darwin Chen, MD

10:50 **Monoblock Reconstruction Of Femoral Bone Loss**
Jose A. Rodriguez, MD

10:58 **Reconstruction Of The Deficient Pelvis: Even My Fellows Can Plate The Posterior Column**
Theodore T. Manson, MD

11:06 **I Can Fix A Deficient Pelvis From The Front: Why Can't You**
H. John Cooper, MD

11:14 **Honored Professor Lecture: Treatment of Chronic Pelvic Discontinuity: Current Status Using Distraction**
Wayne G. Paprosky, MD

11:34 **Mini-Distinguished Professor Lecture: Imaging Of Failed Arthroplasty: Techniques To Help Make Your Diagnosis & Operative Plan**
Hollis G. Potter, MD

11:44 **Case Presentations With Questions & Answers: Complications In Total Hip Arthroplasty**
Case Panel Moderators: Douglas A. Dennis, MD
Douglas E. Padgett, MD
Case Panel: H. John Cooper, MD
Michael B. Cross, MD
Matthew S. Hepinstall, MD
Stefan W. Kreuzer, MD, MSc
Theodore T. Manson, MD
David Mayman, MD
Wayne G. Paprosky, MD
Scott Sporer, MD

ADVANCED REGISTRATION REQUIRED

12:02 **Lunch With Non-CME Spotlight Sessions**
Sign Up Mandatory
For A Full List of Spotlight Sessions, Please See Pages 50-51. You Must Sign Up To Enjoy Lunch

1:02 **Dessert & Visit The Exhibits**

1:30 - 3:20 **SUCCESS FOR THE TOTAL HIP SURGEON**

Moderator: Jose A. Rodriguez, MD

Timekeepers: Thomas G. Sampson, MD

Allston J. Stubbs, MD, MBA

Computer/Text Questions Chairman:

Theodore T. Manson, MD

1:30 **Panel: New Technology In Total Hip Arthroplasty: Does It Make A Difference?**

Panel Moderator: Jose A. Rodriguez, MD

1:30 **Pro: The Robotic Total Hip Arthroplasty**

Matthew S. Hepinstall, MD

1:37 **Pro: Navigation Is The Way To Go!**

David Mayman, MD

1:44 **Pro: The Pen Marker And The Lightbox Make It Happen!**

H. John Cooper, MD

1:51 **DVT Prophylaxis & Blood Conservation Strategies: My Plan For Most Of My Patients**

Stefan W. Kreuzer, MD, MSc

1:59 **Evolving Technique: Opiate Sparing, Outpatient Hip Arthroplasty**

Michael P. Ast, MD

2:06 **26-Year-Old Status Post Hip Fusion: How I Convert To A THA, Why I Do It, & How To Avoid Complications**

Douglas E. Padgett, MD

2:14 **Evolving Technique Update: The Bundle Is Coming To Your Neighborhood - How To Optimize & Coordinate Care**

John M. Keggi, MD

2:19 **Evolving Technique Update: Rehab, Rehab, Rehab- There Is No Place Like Home - Inpatient Kills The Bundle, Listen Up!**

Michael B. Cross, MD

HIP ARTHROPLASTY & PRESERVATION • GRAND BALLROOM 3

2:24	It Is Not Always The Hip, Watch Out For Back Disease - My Algorithm To Not Make Mistakes With The Hip & Back <i>Douglas A. Dennis, MD</i>
2:32	Debate: 55-Year-Old Asks About Primary Femoral Fixation <i>Debate Moderator: Darwin Chen, MD</i> 2:32 Pro: Patient Specific Stem Selection Is The Key <i>Jose A. Rodriguez, MD</i> 2:38 Pro: Primary Femoral Fixation: Do It The Same Way Every Time - Why Are We Talking About This <i>Scott Sporer, MD</i>
2:44	Revision Total Hip Arthroplasty For Recurrent Dislocation & Understanding The Safe Zone <i>David Mayman, MD</i>
2:52	Panel: Keeping The Bone, Preservation Is Key For Primary Hip Arthroplasty <i>Panel Moderator: Douglas E. Padgett, MD</i> 2:52 Pro: Hip Resurfacing In The Young Athlete With Arthritis - Ignore The Naysayers <i>Thomas P. Gross, MD</i> 2:59 Pro: Short Stems Are The Answer In 2018 - Wake Up! <i>Stefan W. Kreuzer, MD, MSc</i> 3:06 Pro: Stop Dreaming, Prevent Loosening - Use Standard Length Cementless Stems <i>Douglas A. Dennis, MD</i> 3:13 Pro: Avoid The Early Failure! Preserve Bone: I Use Standard Length Cemented Stems - You Are All Wrong! <i>Matthew S. Hepinstall, MD</i>
3:20 BREAK & VISIT THE EXHIBITS	
3:50 - 4:22 HIP MRI AND AVOIDING THE COURTROOM <i>Moderator: Allston J. Stubbs, MD, MBA</i> <i>Timekeepers: Matthew S. Hepinstall, MD</i> <i>Thomas P. Gross, MD</i> <i>Computer/Text Questions Chairman: Stefan W. Kreuzer, MD, MSc</i>	
3:50	Evolving Technique Update: Achieving Leg Lengths By Using The Soft Tissue: 5 Tips, 5 Minutes <i>Darwin Chen, MD</i>
3:55	Debate: The Metal-On-Metal Debate Is Surgeon Related Not The Bearing <i>Debate Moderator: Jose A. Rodriguez, MD</i> 3:55 Pro: I Have Confidence In Metal-On-Metal Bearings - Surgical Judgement And Skill Are Paramount <i>Thomas P. Gross, MD</i> 4:01 Pro: I Have No Confidence In Metal-On-Metal Bearings - It Doesn't Matter Who You Are <i>Thomas G. Sampson, MD</i>
FEATURE	
4:07	Distinguished Professor Lecture: MRI Correlations In Hip Arthroplasty & Preservation <i>Hollis G. Potter, MD</i>

4:22 - 5:32 HIP ARTHROSCOPY & PRESERVATION: STILL ALIVE A WHIRLWIND TOUR <i>Moderator: Allston J. Stubbs, MD, MBA</i>	
4:22	Evolving Technique Update: Setting Expectations In Hip Arthroscopy: Delivering What You Promised <i>Thomas G. Sampson, MD</i>
4:27	Evolving Technique: Hyaline Cartilage Allo-Grafting of The Hip Joint <i>Allston J. Stubbs, MD, MBA</i>
4:32	Evolving Technique Update: 5 Essential Steps In 5 Minutes, Perfecting CAM Resection <i>John J. Christoforetti, MD</i>
4:37	Mini-Debate: 27-Year-Old Tennis Player With A 1.5cm Full Thickness Acetabular Defect <i>Debate Moderator: Shane J. Nho, MD, MS</i> 4:37 Pro: Microfracture Works Every Time <i>J.W. Thomas Byrd, MD</i> 4:42 Pro: It's A Pothole You Need To Fill: Hyaline Cartilage Transplantation Works Every Time! <i>Allston J. Stubbs, MD, MBA</i>
4:47	Mini-Debate: Acetabular Labral Reconstruction In A 26-Year-Old Female Field Hockey Player <i>Debate Moderator: Thomas G. Sampson, MD</i> 4:47 Pro: A Great Primary Procedure For Labral Insufficiency <i>Shane J. Nho, MD, MS</i> 4:52 Pro: Labral Reconstruction Is Unnecessary & No Evidence To Support Primary Reconstruction <i>J.W. Thomas Byrd, MD</i>
4:57	Evolving Technique Update: Pulling The Trigger When To Scope & When To Osteotomize The Dysplastic Hip: 5 Pearls, 5 Minutes <i>Shane J. Nho, MD, MS</i>
5:02	Mini-Debate: Hip Impingement Or Sports Hernia In A 37-Year-Old Rock Climber <i>Debate Moderator: Thomas G. Sampson, MD</i> 5:02 Pro: It's Athletic Pubalgia <i>Brian D. Busconi, MD</i> 5:07 Pro: It's All About Femoral Acetabular Impingement <i>John J. Christoforetti, MD</i>
5:12	Evolving Technique Update: Endoscopic Hamstring Repair: New Kid On The Block <i>Jovan R. Laskovski, MD</i>
5:17	Case Presentations With Questions & Answers <i>Case Panel Moderator: Allston J. Stubbs, MD, MBA</i> <i>Case Panel: Brian D. Busconi, MD</i> <i>John J. Christoforetti, MD</i> <i>Jovan R. Laskovski, MD</i> <i>Shane J. Nho, MD, MS</i> <i>Thomas G. Sampson, MD</i> <i>J.W. Thomas Byrd, MD</i>
5:32	End Of CME Educational Program

ADVANCED REGISTRATION REQUIRED

5:30 - 7:00 **Dinner Zimmer Biomet Educational Experience Non-CME/Human Anatomic Cadaver Labs & Virtual Simulation**
Total Joint & Arthroscopic Knee/Hip/Shoulder Room: Bellagio Ballroom 1, 5
Food Stations & Libations - All Invited
Meet The Faculty, Solve Your Cases, From Arthroscopy to Arthroplasty
Full Details/See Page 53

TRAUMA • GRAND BALLROOM 9

1:30 Welcome & Introduction
 Trauma Co-Chairs
 Lisa K. Cannada, MD
 James A. Goulet, MD
 Michael D. McKee, MD, FRCS

 Honored Professors
 Jesse Jupiter, MD
 Michael Suk, MD, JD, MPH, MBA, FACS

1:35 - 1:56 THE ELBOW WITH COMMON RADIAL HEAD FRACTURES
 Moderator: Bernard F. Morrey, MD
 Timekeeper: James A. Goulet, MD

1:35 Mini-Panel: 56-Year-Old Walking In The Forest, Falls & Has A Comminuted, Closed Radial Head Fracture
 Panel Moderator: Bernard F. Morrey, MD
1:35 Pro: I Fix My Radial Heads, It Is So Important - Let Me Show You All My Tricks In 6 Minutes
 Graham J. W. King, MD, MSc, FRCS
1:41 Pro: Don't Believe My Colleague - Throw It Out, Don't Lose All The Motion
 Michael J. Gardner, MD
1:47 Pro: The Radial Head Implant Solves So Many Problems, You Need Stability & I Can Make Her Good As New
 Michael D. McKee, MD, FRCS

1:53 Professor Commentary In 3 Minutes
 Bernard F. Morrey, MD

1:56 - 2:47 CLAVICLE FRACTURES: THE GLOVES COME OFF!
 Moderator: Graham J. W. King, MD, MSc, FRCS

1:56 Mini-Panel: 27-Year-Old Falls Over His Handlebars While Cycling In The Pyrenees
 Panel Moderator: Lisa K. Cannada, MD
1:56 Pro: I Am Fixing The Midshaft Clavicle Fracture Because Of That Vertical Piece: Don't Make The Mistake, This Is High Energy!
 Michael D. McKee, MD, FRCS
2:02 Pro: I Use The Nail To Fix My Clavicles, Why Are You Plating?!?
 Carl J. Basamania, MD
2:08 Pro: Don't Be Silly, Nonoperative Treatment Works Just Fine - These Are My Guidelines
 Niloofer Dehghan, MD, MSc, FRCS

2:14 Mini-Debate: 17-Year-Old Lacrosse Player With A Comminuted Proximal To Mid-Third Closed Clavicle Fracture
 Debate Moderator: Michael J. Gardner, MD
2:14 Pro: I Know The Advantage Of Plating Superior
 John J. Wixted, MD
2:19 Pro: Let Me Teach You The Advantage Of Anterior & Inferior Plating - Don't Do Old Stuff
 Nirmal C. Tejwani, MD

2:24 NonUnions Of The Clavicle: Let Me Show You How To Avoid This - 8 Steps In 8 Minutes
 Michael D. McKee, MD, FRCS

2:32 Honored Professor Lecture: Long Term Follow-Up Of Infected Nonunions Of The Lower Extremity
 Jesse B. Jupiter, MD

2:47 - 3:20 THE DREADED KNEE DISLOCATION
 Moderator: Lisa K. Cannada, MD

2:47 Mini-Panel: 43-Year-Old Fisherman Who Slips On The Dock After The Big Catch
 Panel Moderator: James A. Goulet, MD
2:47 Pro: How I Analyze The Knee Dislocation, When To Transfer, When I Surgically Repair: My Algorithm For Success Long-Term
 Danny Whelan, MD, MSc, FRCS
2:53 Pro: The Role Of The External Fixator In Knee Dislocations: Why I Use It & For How Long
 Brandi R. Hartley, MD
2:59 Pro: There Is No Role For The Ex Fix: Understanding Knee Dislocations & How I Stabilize Repair
 John "JD" Adams, MD

3:05 Honored Professor Lecture: Managing The Knee Dislocation: Issues I Have Seen Through The Years & How To Change The Results
 Michael Suk, MD, JD, MPH, MBA, FACS

3:20 BREAK & VISIT THE EXHIBITS

3:50 - 3:57 UNDERSTANDING TRAUMA & FRACTURES
 Moderator: Lisa K. Cannada, MD
 Timekeepers: Michael D. McKee, MD, FRCS
 Lisa K. Cannada, MD

3:50 Evolving Technique: Hot Topics In Fracture Fixation: Number Of Screws Matter, Plate Length Matters, Stainless Steel Or Titanium Matters - What You Need To Know In 2018
 William I. Sterett, MD

3:57 - 4:22 THE LOW ENERGY ACETABULAR FRACTURE
 Moderator: Michael D. McKee, MD, FRCS

3:57 Mini-Debate: 65-Year-Old Tennis Player Falls & Sustains A Posterior Wall Acetabular Fracture
 Debate Moderator: Brandi R. Hartley, MD
3:57 Pro: I Know How To Fix It: It Is The Same Approach For A Hip Fracture
 James A. Goulet, MD
4:02 Pro: Slow Down! I Will Tell You Why He Will Be Ok & Please Don't Fix It
 Simon C. Mears, MD, PhD, FAOA

4:07 Honored Professor Lecture: Management of Aseptic Nonunions
 Michael Suk, MD, JD, MPH, MBA, FACS

4:22 - 4:37 NAILS, NAILS, NAILS
 Moderator: James A. Goulet, MD

4:22 Evolving Technique Update: Complications With Short Nails: Avoiding Hip Fracture Failures
 John "JD" Adams, MD

4:27 Evolving Technique Update: Complications With Long Nails: Avoiding Hip Fracture Failure
 David B. Weiss, MD

4:32 Evolving Technique Update: OMG! The Femoral Head Crumbled - How To Avoid Hip Fracture Failure
 Simon C. Mears, MD, PhD, FAOA

TRAUMA • GRAND BALLROOM 9

4:37 - 5:30	TIBIAL PLATEAU FRACTURE AND DISTAL TIBIA: AROUND THE WORLD <i>Moderator: Stephen A. Kottmeier, MD</i>
4:37	Evolving Technique Update: I Fix My Tibial Plateaus In The Prone Position <i>Lisa K. Cannada, MD</i>
4:42	Mini-Panel: A 17-Year-Old Equestrian Falls Off The Horse With A Comminuted, Schatzker II, Split Depressed Tibial Plateau Fracture <i>Panel Moderator: Stephen A. Kottmeier, MD</i>
4:42	Pro: How I Plate The Tibial Plateau <i>Michael J. Gardner, MD</i>
4:48	Pro: How I Use The CT Scan & Arthroscopically Assist To Fix My Tibial Plateaus <i>William I. Sterett, MD</i>
4:54	Pro: When I Weightbear & What My Rehab Program Is After Tibial Plateau Fractures <i>John J. Wixted, MD</i>
5:00	Mini-Debate: 49-Year-Old Kite Surfer Goes Up In The Air But Never Comes Down Safe: Has A Schatzker IV Tibia Fracture <i>Debate Moderator: Lisa K. Cannada, MD</i>
5:00	Pro: The Lateral Plate Is All You Need To Fix The Fracture <i>Nirmal C. Tejwani, MD</i>
5:05	Pro: I Don't Know What You Are Thinking, You Need To Add A Medial Plate In Addition To The Lateral Plate <i>Brandi R. Hartley, MD</i>
5:10	Evolving Technique Update: The Tibiototalcaneal Nail As Primary Fixation For Pilon Fractures <i>Stephen A. Kottmeier, MD</i>
5:15	Case Presentations, Wrap Up With Questions & Answers: Tibia & Other Trauma: Part I <i>Case Panel Moderator: Lisa K. Cannada, MD</i> <i>Case Panel: Michael J. Gardner, MD</i> <i>James A. Goulet, MD</i> <i>Brandi R. Hartley, MD</i> <i>Stephen A. Kottmeier, MD</i> <i>Simon C. Mears, MD, PhD, FAOA</i> <i>William I. Sterett, MD</i> <i>Nirmal C. Tejwani, MD</i>
5:30	End OF CME Educational Program

ADVANCED REGISTRATION REQUIRED

5:30 - 7:00 **Dinner Zimmer Biomet Educational Experience Non-CME/Human Anatomic Cadaver Labs & Virtual Simulation**

Total Joint & Arthroscopic Knee/Hip/Shoulder

Room: Bellagio Ballroom 1, 5
Food Stations & Libations - All Invited

Meet The Faculty, Solve Your Cases, From Arthroscopy to Arthroplasty

Full Details/See Page 53

SPINE • GRAND BALLROOM 6

ADVANCED REGISTRATION REQUIRED

12:00 - 1:00 **Lunch With Non-CME Spotlight Sessions**
Sign Up Mandatory

Mazor X Robotic Guidance Platform: Innovations And Evolutions In Spine Surgery
Supported by Medtronic

Room: Grand Ballroom 7
Faculty: Isador H. Lieberman, MD, MBA, FRCSC

For A Full Description, Please See Page 52.

1:30 **Welcome & Introduction**

Spine Chair
Marc J. Levine, MD

Spine Vice Chair
Derek W. Moore, MD

Honored Professors
Steven R. Garfin, MD
Isador H. Lieberman, MD, MDA, FRCSC

Distinguished Professors
Richard D. Herzog, MD
Peter O. Newton, MD, FACR
Jeffrey M. Spivak, MD

1:35 - 2:30 **DECISION MAKING IN DEFORMITY SURGERY**
Moderator: Jeffrey M. Spivak, MD
Timekeeper: Stephen J. Roman, MD

1:35	43-Year-Old Sagittal Plane Deformity: The Lumbar Flat Back - Worse Than CHF <i>Vinko Zlomislic, MD</i>
1:43	31-Year-Old Male With Ankylosing Spondylitis Deformity & Pain: How I Manage <i>Eric O. Klineberg, MD, MS</i>
1:51	75-Year-Old Male With Degenerative Scoliosis, Neurogenic Claudication - How Much Is Too Much, How Far Should We Go? Is Decompression Alone An Option? <i>Gaetano J. Scuderi, MD</i>
1:59	Mini-Distinguished Professor Lecture: Pre-Op Evaluation And Patient Expectations In Deformity Surgery <i>Peter O. Newton, MD</i>
2:07	New Technology For Deformity Surgery: Does MIS Lead To Maximally Invasive Revisions <i>Paul Holman, MD</i>
2:15	Case Presentations With Questions & Answers Case Panel Moderator: Peter O. Newton, MD Case Panel: Paul Holman, MD <i>Eric O. Klineberg, MD, MS</i> <i>Gaetano J. Scuderi, MD</i> <i>Jeffrey M. Spivak, MD</i> <i>Vinko Zlomislic, MD</i>

SPINE • GRAND BALLROOM 6

2:30 - 3:20	CERVICAL DISC DISEASE <i>Moderator: Scott D. Boden, MD</i>
2:30	Panel: Cervical Spondylosis In A 42-Year-Old Female With 2 Level Disc Disease & Right Arm Pain <i>Panel Moderator: Scott D. Boden, MD</i>
2:30	Pro: Disc Arthroplasty: Where Are We Today- Update 2018, Results & Outcomes <i>Arthur L. Jenkins, III, MD</i>
2:38	Pro: Are You Kidding?!? 2 Level Anterior Cervical Discectomy & Fusion Is Proven Over Time - Read The Literature! <i>Jeffrey M. Spivak, MD</i>
2:46	Pro: You Are All Wrong: The Cage Is Easy & The Right Answer! <i>Michael Groff, MD</i>
2:54	Axial Neck Pain And Headache: Take Two Aspirin And Call Me! <i>Stephen J. Roman, MD</i>
3:02	Case Presentations/Ask The Panel And Questions <i>Case Panel Moderator: Marc J. Levine, MD</i> <i>Case Panel: Scott D. Boden, MD</i> <i>Michael Groff, MD</i> <i>Paul Holman, MD</i> <i>Arthur L. Jenkins, III, MD</i> <i>Derek W. Moore, MD</i> <i>Jeffrey M. Spivak, MD</i>
3:20	BREAK & VISIT THE EXHIBITS
3:50 - 4:49	ROBOTIC SURGERY: WHAT IS IT & IS THERE A DIFFERENCE - GAME ON! <i>Moderator: Eric O. Klineberg, MD, MS</i> <i>Timekeeper: Gaetano J. Scuderi, MD</i>
3:50	Honored Professor Lecture: The Evolution And Update On Robotic Surgery <i>Isador H. Lieberman, MD, MBA, FRCSC</i>
4:05	Preoperative Planning, Not So Difficult But Don't Depend Solely On Artificial Intelligence <i>Paul Holman, MD</i>
4:13	What I Look For When I Date A Robot: My Robot Is Better Than Yours, Tell Me The Difference, I Can Handle The Truth <i>Nicholas Theodore, MD, MS</i>
4:21	Mini-Honored Professor Lecture: Use Of Robots For Cervical Spine Surgery: Is It Safe? <i>Isador H. Lieberman, MD, MBA, FRCSC</i>
4:29	Case Presentations/Ask The Panel And Questions <i>Case Panel Moderator: Peter O. Newton, MD</i> <i>Case Panel: Paul Holman, MD</i> <i>Eric O. Klineberg, MD, MS</i> <i>Isador H. Lieberman, MD, MBA, FRCSC</i> <i>Derek W. Moore, MD</i> <i>Nicholas Theodore, MD, MS</i>

ADVANCED PRACTITIONER SUMMIT • CEZANNE

4:49 - 5:27	YEARS & WORDS OF WISDOM: THE DISTINGUISHED & HONORED PROFESSOR CORNER <i>Moderator: Steven R. Garfin, MD</i>
4:49	Mini-Distinguished Professor Lecture: Advances In The Management of Pediatric Deformity: Spinal Growth Modulation <i>Peter O. Newton, MD</i>
5:04	The Role For Robots In My Adult And Pediatric Deformity Surgical Practice <i>Nicholas Theodore, MD, MS</i>
5:12	Case Presentations/Ask The Panel And Questions <i>Case Panel Moderator: Paul Holman, MD</i> <i>Case Panel: Steven R. Garfin, MD</i> <i>Peter O. Newton, MD</i> <i>Nicholas Theodore, MD, MS</i> <i>Vinko Zlomisljic, MD</i>
5:27	End Of CME Educational Program

ADVANCED REGISTRATION REQUIRED

5:30 - 7:00 Dinner Zimmer Biomet Educational Experience
Non-CME/Human Anatomic Cadaver Labs & Virtual Simulation
Total Joint & Arthroscopic Knee/Hip/Shoulder
Room: Bellagio Ballroom 1, 5
Food Stations & Libations - All Invited
Meet The Faculty, Solve Your Cases, From Arthroscopy to Arthroplasty
Full Details/See Page 53

ADVANCED PRACTITIONER SUMMIT • CEZANNE

7:00	Welcome & Introduction <i>Advanced Practitioner Chair</i> <i>Charles A. Thigpen, PT, PhD, ATC</i>
7:05 - 9:30	DISPELLING MYTHS OF THROWING SHOULDER <i>Moderator: Kevin E. Wilk, PT, DPT, FAPTA</i> <i>Timekeeper: Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT</i>
7:05	Weighted Balls: Performance Enhancer Or Arm Killer? <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i>
7:15	Debate: GIRD: What Do We Really Know - The Surgeon Versus The Therapist <i>Debate Moderator: Mike Reinold, PT, DPT, SCS, ATC, CSCS</i>
7:15	Pro: It Is Real And Must Be Treated <i>W. Benjamin Kibler, MD</i>
7:22	Pro: It Is A Myth: Consider The Facts <i>Ellen Shanley, PhD, PT, OCS</i>
7:29	Pitching Mechanics In 2019: What Are The Important Factors? What I Look For <i>Charles A. Thigpen, PT, PhD, ATC</i>

ADVANCED PRACTITIONER SUMMIT • CEZANNE

7:39	The Kinetic Chain In Overhead Athletes: My 5 Most Important Factors To Produce The High End Athlete <i>George J. Davies, DPT, ATC, CSCS</i>
7:49	Feature Lecture: New Technology: Wearables In Pitchers: Monitoring Load To Optimize Performance <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i>
8:04	Why Do People Have Shoulder Pain: From Mechanics To Genetics <i>Chad Cook, PT, PhD, MBA, FAAOMPT</i>
8:14	Guest Surgeon Lecture: When I Hold Off, When I Repair The Rotator Cuff Tear In Throwers <i>Eric C. McCarty, MD</i>
8:22	Evolving Technique: The Things I Want My Rehabilitation Team To Know Following Rotator Cuff Repair: 7 Tips, 7 Minutes <i>Marc R. Labbe, MD</i>
8:29	I Fixed The Cuff But My Patient Is Stiff! What Happened? What I Need To Know From The Surgeon <i>Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS</i>
8:39	Returning The Overhead Athlete Following Rotator Cuff Repair: My Little Secrets <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i>
8:47	What Is The Fuction Of The Labrum? What Do We Know? <i>W. Benjamin Kibler, MD</i>
8:52	What Is New With Rehab In The Throwing Athlete <i>Kevin E. Wilk, PT, DPT, FAPTA</i>
9:02	Key Rehabilitation Points Following Reverse Shoulder Arthroplasty And Superior Capsular Reconstruction <i>Ellen Shanley, PhD, PT, OCS</i>
9:10	Case Presentations With Questions & Answers <i>Case Panel Moderator: W. Benjamin Kibler, MD</i> <i>Case Panel: Jeffrey S. Abrams, MD</i> <i>Alan S. Curtis, MD</i> <i>Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS</i> <i>Eric C. McCarty, MD</i> <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i> <i>Felix H. "Buddy" Savoie, III, MD</i> <i>Kevin E. Wilk, PT, DPT, FAPTA</i>
9:30	BREAK & VISIT THE EXHIBITS
10:10-12:00	SHOULDER INSTABILITY: ANTERIOR, POSTERIOR & MDI <i>Moderator: Ellen Shanley, PhD, PT, OCS</i> <i>Timekeeper: Ellen Shanley, PhD, PT, OCS</i>
10:10	Panel: Shoulder Instability: Please Give Me The Answers! <i>Panel Moderator: Robert T. Burks, MD</i>
10:10	Pro: Indications For Surgery In Shoulder Instability <i>Jeffrey S. Abrams, MD</i>
10:17	Pro: Why Not Treat Shoulder Instability Non-Operatively <i>Ellen Shanley, PhD, PT, OCS</i>

10:24	Pro: Performance On The Field After Non-Op Versus Surgery For Shoulder Instability: Does It Make A Difference? <i>Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS</i>
10:31	Guest Surgeon Lecture: OMG Where Did The Bone Go & My Shoulder Is Unstable <i>Felix H. "Buddy" Savoie, III, MD</i>
10:41	Matching Rehabilitation To Match The Surgery: My Differences In Rehab For Latarjet, Open Or Arthroscopic Bankart Repairs <i>Charles A. Thigpen, PT, PhD, ATC</i>
10:51	Strategies For Successful Transition From Rehabilitation To Sports Performance: A Quantum Jump! <i>Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT</i>
11:01	Blood Flow Restriction: Emerging Science To Optimize Rehabilitation Muscle Development In 2018 <i>Lane Bailey, PT, PhD, DPT, CSCS</i>
11:11	Forget The Tricks: Teaching The Patient To Do The Exercises In Their Home Correctly <i>George J. Davies, DPT, ATC, CSCS</i>
11:21	7 Keys To Integration Of Emerging Techniques With Best Practices: From Needling To Cupping And In Between <i>Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT</i>
11:31	Evolving Technique: Treat My Professional Athletes: How The Elite Can Return To Sport <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i>
11:38	Case Presentations With Questions & Answers: Challenges In Return To Sport For The Shoulder <i>Case Panel Moderators: W. Benjamin Kibler, MD</i> <i>Mike Reinold, PT, DPT, SCS, ATC, CSCS</i> <i>Case Panel: Jeffrey S. Abrams, MD</i> <i>Lane Bailey, PT, PhD, DPT, CSCS</i> <i>Alan S. Curtis, MD</i> <i>Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT</i> <i>Michael T. Freehill, MD</i> <i>Ellen Shanley, PhD, PT, OCS</i> <i>Charles A. Thigpen, PT, PhD, ATC</i> <i>Kevin E. Wilk, PT, DPT, FAPTA</i>
11:58	Wrap Up And Summary <i>Charles A. Thigpen, PT, PhD, ATC</i>

ADVANCED REGISTRATION REQUIRED

12:02 Lunch With Non-CME Spotlight Sessions
Sign Up Mandatory
For A Full List of Spotlight Sessions, Please See Pages 50-51. You Must Sign Up To Enjoy Lunch

1:02 Dessert & Visit The Exhibits

SHOULDER SPORTS • BELLAGIO BALLROOM

6:55	Welcome & Introduction Shoulder Co-Chairs Joseph A. Abboud, MD Larry D. Field, MD Claude T. Moorman, III, MD Honored Professors Evan Flatow, MD International Honored Professors Ofer Levy, MD, MCH(Ortho), FRCS Jae Chul Yoo, MD Distinguished Professors Jeffrey Abrams, MD Hollis Potter, MD
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6:59 - 7:19	PRP, BIOLOGICS, AND THE FUTURE OF SHOULDER SURGERY: FACTS, FICTION, HELPING OUR PATIENTS: WHAT WE KNOW Moderators: Larry D. Field, MD Dan Guttmann, MD Timekeeper: Bradford O. Parsons, MD Computer/Text Questions Chairman: Noah D. Weiss, MD
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6:59	Evolving Technique: Update on Stem Cells And Growth Factors 2018 J. Martin Leland III, MD
7:06	Evolving Technique Update: Lipogems Update: Fat Is Where It Is At, I Am Not Afraid of Being A Plastic Surgeon Claude T. Moorman, III, MD
7:11	8 Tips In 8 Minutes To Tell Your Anesthesiologist: How To Be Successful In Outpatient Shoulder Surgery Jeffrey C. Gadsden, MD, FRCPC, FANZCA

7:19 - 8:05	COMPLICATIONS IN SHOULDER SURGERY Moderators: Alan S. Curtis, MD Xavier A. Duralde, MD
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7:19	Quick Answers For Complications In Shoulder Surgery: Coracoid Fractures After AC Joint Surgery, Subscapularis Rupture After Open Anterior Instability, Stiffness After SLAP Repair And Failed Posterior Instability - How I Prevent Them Xavier A. Duralde, MD
7:27	Recurrent Instability Of My In Season Athletes: My Algorithm For Success Spero G. Karas, MD
7:35	Evolving Technique: Postoperative Infection After My Rotator Cuff Surgery: What I Do And What I Have Changed And Recommend For All Of You Surena Namdari, MD
7:42	Evolving Technique Update: Can I Stop The Train? Rapidly Progressive OA Postop: Why And What I Can Do To Prevent It In Instability Surgery John E. Kuhn, MD
7:47	The Nerves Around The Shoulder: What I Have Learned And How To Avoid Them! Felix H. "Buddy" Savoie, III, MD

7:55	Evolving Technique Update: Propionbacterium Acnes: Why I Care, What I Do - Is This The Culprit? Mark H. Getelman, MD
8:00	Evolving Technique Update: Watching Out For Big Red: When You Have A Major Vascular Problem And The ABCs - What To Do About It Calmly Larry D. Field, MD
8:05 - 9:30	ROTATOR CUFF Moderator: Felix H. "Buddy" Savoie, III, MD
8:05	Evolving Technique: 7-Minute Proof Of Non-Operative Management Of The Rotator Cuff In A 53-Year-Old Man: MOON Shines Bright John E. Kuhn, MD
8:12	Debate: Impingement Syndrome In A 23-Year-Old Former Collegiate Swimmer Debate Moderator: John E. Kuhn, MD 8:12 Pro: Arthroscopic Subacromial Decompression Is Alive Roshan M. Wade, MD, MS(ORTH), DORTHO, FCPS, DNB(ORTH) 8:18 Pro: The Arthroscopic Subacromial Decompression Died And Is So Old - Wrong Diagnosis J. Martin Leland III, MD
8:24	Evolving Technique Update: Asymptomatic Rotator Cuff Tear In A 53-Year-Old Peleton Female: What To Do And How To Counsel The Young Patient Ivan H. Wong, MD, FRCSC
8:29	Evolving Technique: 34-Year-Old Weekend Baseball Player With A Small Full Thickness Rotator Cuff Tear & Posterior Labral Tear: What I Do And Which I Fix And How Not To Be Stiff Stephen F. Brockmeier, MD
8:36	Debate: 68-year-Old Farmer Who Heard A Pop 48 Hours Ago In His Dominant Shoulder And Has A 2 Tendon Tear Debate Moderator: Joseph A. Abboud, MD 8:36 Pro: Sharpen Your Knife Fix It Now Eric C. McCarty, MD 8:42 Pro: Slow Down Westerner And Rehab First: He Will Likely Be Satisfied, What Do You Have To Lose? Robert Z. Tashjian, MD
8:48	Mini-International Honored Professor Evolving Technique Update: Automatic Arthroscopic Transosseous Device - Thoughts From Across The Pond! Ofer Levy, MD, MCH(Orth), FRCS
8:55	Evolving Technique: Back To The Future: Arthroscopic Transosseous Rotator Cuff Repair: Better Than Anchors - My Results Sumant Krishnan, MD
9:02	Distinguished Professor Lecture: The Three Tendon Rotator Cuff Tear: Deep Breath And My Algorithm For Success Jeffrey S. Abrams, MD

SHOULDER SPORTS • BELLAGIO BALLROOM 2, 3, 4, 6, 7

9:14	Making Us All Great: Converting From Open To Arthroscopic Subscapularis Tears: How I Did It <i>Felix H. "Buddy" Savoie, III, MD</i>
9:22	Evolving Technique: The In-Office Arthroscope: Challenging The Utilization Of MRI To Give The Consumer The Answer Right Away To Hopefully Save Healthcare Dollars & Anxiety <i>Sean McMillan, DO, FAOAO</i>


9:30 **BREAK & VISIT THE EXHIBITS**

10:05-12:11	COMPLEX ROTATOR CUFF ISSUES Moderator: <i>Felix H. "Buddy" Savoie, III, MD</i> Timekeeper: <i>J. Martin Leland, MD</i> Computer/Text Questions Chairman: <i>Eric C. McCarty, MD</i>
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10:05 **LIVE SURGERY #4**

SUPERIOR CAPSULAR RECONSTRUCTION
Supported By Arthrex

Moderator: *Brian J. Cole, MD, MBA*
Surgeon: *Nikhil N. Verma, MD*



10:55	Panel: The Massive Rotator Cuff Tear In A 71-Year-Old Swimmer - Too Many Options, The Experts Weigh In, I Want Answers Panel Moderators: <i>Claude T. Moorman, III, MD</i> <i>Felix H. "Buddy" Savoie, III, MD</i>
10:55	Pro: Repair: Let Me Teach You How, Watch Me <i>Larry D. Field, MD</i>
11:02	Pro: Repair And Patch It To Ensure It Avoids Retear, I Have Results <i>Richard K.N. Ryu, MD</i>
11:09	Pro: Transfers: I Have The Secret Sauce - You Boys Are Lost! <i>Ivan H. Wong, MD, FRCSC</i>
11:16	Pro: Augments: I Have Been Doing This For Years And Watch Him Swim And Pick Up The Grandkids <i>Mark H. Getelman, MD</i>
11:23	Commentary & Thoughts <i>Alan S. Curtis, MD</i>

11:26	Honored Professor Lecture: The Rotator Cuff Repair: How I Used To Do It, What I Learned And How I Do It Now <i>Evan L. Flatow, MD</i>
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11:41	Case Presentations With Questions & Answers: Rotator Cuff - The Gloves Come Off Case Panel Moderators: <i>Mark H. Getelman, MD</i> <i>Richard K.N. Ryu, MD</i> Case Panel: <i>Joseph A. Abboud, MD</i> <i>Alan S. Curtis, MD</i> <i>Larry D. Field, MD</i> <i>Dan Guttman, MD</i> <i>Eric C. McCarty, MD</i> <i>Claude T. Moorman, III, MD</i> <i>Felix H. "Buddy" Savoie, III, MD</i> <i>Theodore F. Schlegel, MD</i> <i>Jae Chul Yoo, MD</i>
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12:11 Lunch Served

12:26 - 1:26 **FEATURE - ALL INVITED**
Luncheon Symposium: Eliminate the Threat of Lawsuits, Protect Your Medical License, and Reduce Your Tax Burdens
Supported by *Legally Mine*
Bellagio Ballroom 2, 3, 4, 6, 7

4TH ANNUAL FELLOW & RESIDENT SUMMIT

The Orthopaedic Summit Fellow & Resident Summit is intended to recognize and acknowledge exceptional research completed by Fellows and Residents whose work has contributed to better understanding within the fields of Arthroplasty, Sports Medicine, Arthroscopy, Spine and Trauma.

Saturday, December 8th
7:00AM – 12:00PM
Grand Ballroom 3

Come Visit & Learn

Cash Prizes will be awarded for:

- Best Overall Paper
- Best Clinical Paper
- Best Basic Science Paper

Adjudicators:



Steven P. Arnoczky, DVM



Brian D. Busconi, MD



Christopher R. Chuinard, MD, MPH



Henry D. Clarke, MD



Andreas H. Gomoll, MD



Nicholas A. Sgaglione, MD

TRAUMA • GRAND BALLROOM 9

6:50 Welcome & Introduction
 Trauma Co-Chairs
 Lisa K. Cannada, MD
 James A. Goulet, MD
 Michael D. McKee, MD, FRCS

Honored Professors
 Jesse Jupiter, MD
 Michael Suk, MD, JD, MPH, MBA, FACS

6:55 - 8:09 THE TIBIA SHAFT & COMPLICATIONS
 Moderator: James A. Goulet, MD
 Timekeeper: John J. Wixted, MD

6:55 Evolving Technique: Tibial Shaft Fractures 2018: Current concepts & How To Stay Out Of Trouble
 Stephen A. Kottmeier, MD

7:02 Panel: A 23-Year-Old Status Post Harley Davidson Wipeout With A Closed Tibial Shaft Fracture
 Panel Moderator: James A. Goulet, MD

7:02 Pro: Suprapatellar Nailing Is The Way To Go - Wake Up! Learn What Is New
 Michael J. Gardner, MD

7:09 Pro: You Need To Cheat When Doing Suprapatellar Nailing
 Lisa K. Cannada, MD

7:16 Pro: You Are Both Crazy, Haven't You Learned Anything? Do It The Traditional Way
 John J. Wixted, MD

7:23 Commentary & Thoughts
 Eric E. Johnson, MD

7:26 25-Year-Old English Female Horseback Rider Who Fell And Has A Proximal Third Closed Tibial Fracture: How To Handle Successfully & Return The Athlete Back To The Horse
 Stephen A. Kottmeier, MD

7:34 55-Year-Old Polo Player Fell And Was Trampled During The Game With A Distal Third Tibial Fracture: Don't Worry, We Can Get Him Back On The Horse - Let Me Show You The Way
 Frank A. Liporace, MD

7:42 Drip, Drip! The Draining Tibial Wound: Let Me Teach You When It Matters And When It Might Not
 John "JD" Adams, MD

7:49 Case Presentations With Questions And Answers: Part II: Complications Of Tibial Fractures
 Case Panel Moderators: Lisa K. Cannada, MD
 James A. Goulet, MD
 Case Panel: Michael J. Gardner, MD
 Stephen A. Kottmeier, MD
 Simon C. Mears, MD, PhD, FAOA
 Nirmal C. Tejwani, MD
 John J. Wixted, MD

8:09 - 8:52 THE INTERTROCHANTERIC HIP FRACTURES: COMMUNITY DOCS KNOW THE ANSWERS - LET'S SHARE OUR THOUGHTS
 Moderator: Michael D. McKee, MD, FRCS

8:09 Evolving Technique: The Young Femoral Neck Fracture
 Simon C. Mears, MD, PhD, FAOA

8:16 Panel: The 56-Year-Old Cyclist Fell With A Markedly Displaced IT Hip Fracture
 Panel Moderator: Michael D. McKee, MD, FRCS

8:16 Pro: The DHS Sliding Hip Plate With A Derotational Screw: It Has Been Around For A Long Time, It Is The Right Answer
 James A. Goulet, MD

8:23 Pro: Wake Up! It Is The Blade Plate, You Just Don't Know How To Do It! The Lost Art With Better Success
 Michael J. Gardner, MD

8:30 Pro: Minimal Is The Way To Go: 3 Screws, Let Me Tell You In What Direction
 Michael D. McKee, MD, FRCS

8:37 Pro: Read The Literature: The IM Nail, It Is The Right Answer - Get Them Up Out Of Bed Today
 David B. Weiss, MD

8:44 77-Year-Old Status Post Intermedullary Nail For An IT Hip Fracture, Now Needing A Total Hip Replacement - Oh The Problems, Are They Real, Should The Patient Have Had A Sliding Hip Screw
 Simon C. Mears, MD, PhD, FAOA

8:52 - 9:30 THE FUTURE OF INTERTROCHANTERIC HIP FRACTURES & PATIENT MANAGEMENT
 Moderator: Michael J. Gardner, MD

FEATURE

8:52 Let Me Show You The Variable Angle Hip Screw, Simple, Elegant: 8 Minutes, 8 Steps All The IT Razzle Dazzle So You Stay Current
 Amir Matityahu, MD

9:00 Evolving Technique Update: Opioids: Did We Do It And The Trauma Surgeon - Can We Help?
 Simon C. Mears, MD, PhD, FAOA

FEATURE

9:05 - 9:30 The AO Foundation Teaches Us All

9:05 The AO Foundation Principles Guidance To Successfully Treat Fractures In Your Practice
 Moderators: Jesse B. Jupiter, MD
 Eric E. Johnson, MD
 Michael Suk, MD, JD, MPH, MBA, FACS

9:05 Original AO Principles
 Jesse B. Jupiter, MD

9:10 60 Years Later, Still Valid?
 Eric E. Johnson, MD

9:20 How Not To Do AO
 Danny Whelan, MD, MSc, FRCSC

9:30 BREAK & VISIT THE EXHIBITS

TRAUMA • GRAND BALLROOM 9

10:10 - 10:18 THE SUBTROCHANTERIC FEMUR FRACTURE

Moderators: *Lisa K. Cannada, MD*
James A. Goulet, MD
 Timekeeper: *Lisa Cannada, MD*

10:10 **56-Year-Old Falls & Sustains Subtroch Femur Fracture: How I Handle These, Do I Bone Graft, What Am I Worried About - Let Me Show You How To Make It Easy**
Lisa K. Cannada, MD

10:18 - 10:52 THE DISTAL FEMUR

Moderator: *David B. Weiss, MD*

10:18 **My Hospital Wants Me To Pick One Distal Femur Implant: There Are So Many Choices, Is There Any Difference? What I Need To Know**
James A. Goulet, MD

10:26 **Evolving Technique: 27-Year-Old Ice Hockey Player With A Distal Femur Fracture That Fails: It Seems Easy To Fix, Why Do These Fail At Times**
Danny Whelan, MD, MSc, FRCS

10:33 **Evolving Technique Update: Reduction Tips To Get An Anatomic Distal Femur - Stand Back! Let Me Show You The Way**
Nirmal C. Tejwani, MD

10:38 **Evolving Technique: The 69-Year-Old Osteoporotic Woman Who Slipped On Her Stairs In The House With A Distal Femur Fracture: Thank Goodness For The Distal Femur Plate: I Can Make Her Better**
Michael J. Gardner, MD

10:45 **Distinguished Professor Lecture: Evolving Technique: 19-Year-Old Motocross Athlete Crashes Midair And Sustains A Distal Femoral Fracture: I Love My Plates - Why I Do Not Use The Nails**
Eric E. Johnson, MD

10:52-11:28 THE LONELY PATELLA

Moderator: *Michael D. McKee, MD, FRCS*

10:52 **Panel: The 47-Year-Old Hollywood Actor Falls In Italy And Has A Comminuted Patella Fracture**
 Panel Moderator: *Michael D. McKee, MD, FRCS*
 10:52 **Pro: I Fix The Patella With K-Wire & Screws: Stand Back! I Can Get This Near Perfect**
David B. Weiss, MD

10:59 **Pro: Anchors Away Old Man! Why Are You Using Old Technology**
Stephen A. Kottmeier, MD

11:06 **Pro: Wake Up All Of You! I Love The Plate For The Patella**
Frank A. Liporace, MD

11:13 **Pro: Slow Down! If You Want Results, Excise & Advance The Tendon**
James A. Goulet, MD

11:20 **How I Get Motion After A Patella Fracture: When I Start, What I Do & How I Get My Fracture To Heal**
William I. Sterett, MD

11:28 - 12:03 THE FORGOTTEN SISTER: THE TRIMALLEOLAR ANKLE FRACTURE

Moderator: *James A. Goulet, MD*

11:28 **Mini-Panel: 23-Year-Old Professional Ice Skater Falls Doing A Triple Axel With A Trimalleolar Ankle Fracture**
 Panel Moderator: *James A. Goulet, MD*

11:28 **Pro: Order Matters: You Need To Fix Lateral First For Stability & To Maintain The Mortise**
John J. Wixted, MD

11:33 **Pro: Wrong My Compadre: Fix The Posterior Fragment First So You Get An Anatomic Reduction In A Trimalleolar Fracture**
Michael J. Gardner, MD

11:38 **Pro: Wake Up! Be The Real Surgeon - Order Doesn't Matter, Understand The Fracture**
Frank A. Liporace, MD

11:43 **Case Presentations With Questions And Answers: Advice From The Giants: Avoiding Complications For Trauma Surgeons**

Case Panel Moderators: *Lisa K. Cannada, MD*
James A. Goulet, MD
Michael D. McKee, MD, FRCS

Case Panel: *Eric E. Johnson, MD*
Jesse B. Jupiter, MD
Michael Suk, MD, JD, MPH, MBA, FACS

12:11 Lunch Served

12:26 - 1:26 **FEATURE - ALL INVITED**
 Luncheon Symposium: **Eliminate the Threat of Lawsuits, Protect Your Medical License, and Reduce Your Tax Burdens**
 Supported by *Legally Mine*

Bellagio Ballroom 2, 3, 4, 6, 7



KAREN ZUPKO & ASSOCIATES, INC.

**Saturday,
 December 8th
 1:30-5:30PM**

CPT/ICD-10 Coding • Grand Ballroom 9



Margaret M. Maley, BSN, MS of Karen Zupko & Associates takes us through a workshop session for orthopaedic surgeons, fellows, residents, physician assistants, nurse practitioners, physical therapists and occupational therapists in an interactive workshop setting.

At the conclusion of this event, participants will be able to understand relative value units, the global period, what is a new patient vs. consultation, how to use modifiers effectively, comparing ICD-9 to ICD-10 to not make mistakes and hold back reimbursements, the role of the 7th character, and an introduction to fracture coding, with a primer that you can take back to your billing department in allowing you to move forward to maximize your reimbursement.

FREE By A Generous Company Grant **Billers & Practice Administrators Welcome**

SPINE • GRAND BALLROOM 6

6:50 **Welcome And Introduction**

Spine Chair
Marc J. Levine, MD

Spine Vice Chair
Derek W. Moore, MD

Honored Professors
Steven R. Garfin, MD
Isador H. Lieberman, MD, MDA, FRCSC

Distinguished Professors
Richard D. Herzog, MD, FACR
Peter O. Newton, MD
Jeffrey M. Spivak, MD

6:55 - 8:31 **DEGENERATIVE SPONDYLOLISTHESIS: IS THERE ONLY ONE ANSWER?**

Moderator: Colin B. Harris, MD
Timekeeper: Colin B. Harris, MD

- 6:55 Panel: A 55-Year-Old Manual Laborer With Degenerative L4/5 Spondylolisthesis With Neurogenic Claudication
Panel Moderator: Colin B. Harris, MD
- 6:55 Pro: I Know The Way! Minimally Invasive Surgery With Transforaminal Lumbar Interbody Fusion (TLIF) Or Posterior Spinal Fusion (PSF) Done My Way
Arthur L. Jenkins, III, MD
- 7:03 Pro: You Are Wrong! Do It My Way - Anterior Lumbar Interbody Fusion (ALIF) Or Oblique Lumbar Interbody Fusion (OLIF) With Or Without Posterior Fusions Is The Answer
Michael Groff, MD
- 7:11 Pro: The Best Fixation Is An Open Fusion With Hardware Options
Colin B. Harris, MD
- 7:19 Pro: How About Just A Decompression: Why Need Any Hardware? Save My Healthcare Dollars Please!
Scott D. Boden, MD

- 7:27 Case Presentations With Questions & Answer
Case Moderator: Gaetano J. Scuderi, MD
Case Panel: Scott D. Boden, MD
Michael Groff, MD
Colin B. Harris, MD
Arthur L. Jenkins, III, MD
Isador H. Lieberman, MD, MBA, FRCSC

- 7:47 Debate: A 40-Year-Old Female With 6 Weeks Of Back & Leg Pain - Mangement Options: Knife Or Needle
Debate Moderator: Jay E. Bowen, DO
- 7:47 Pro: Time For Spinal Injections: Do They Work? Fact Or Fiction - Give Me Science!
Stephen J. Roman, MD
- 7:55 Pro: Time For Surgery: The Pendulum Has Swung Too Far - Stop Wasting Time, This Is What I Do!
Scott D. Boden, MD

- 8:03 Evolving Technique Update: Opioid Use & Abuse In Spine Surgery - Who Is Responsible For The Epidemic?
Stephen J. Roman, MD

- 8:11 **Honored Professor Lecture:** SI Joint Fusions: How Did We Get Here? My Years And What You Should Know
Steven R. Garfin, MD

8:31 - 9:30 **BIOLOGICS & NEW TECHNOLOGY**
Moderator: Michael Groff, MD

- 8:31 What Is Out There: Synthetics, Allografts, What Is Going On? My Overview
Gaetano J. Scuderi, MD

- 8:44 BMP Where Are We Today And What Can We Tell The Patient: Listen Up!
Scott D. Boden, MD

- 8:52 Regenerative Techniques And Stem Cells: Fact Or Fiction?
Jay E. Bowen, DO

- 9:05 **Mini-Honored Professor Lecture:** A New Small Implantable Device To Decrease Recurrent Disc Herniations Associated With Large Annular Tears: Data On Recurrence Rates After Discectomy
Steven R. Garfin, MD

FEATURE

- 9:15 **Distinguished Professor Lecture:** Value Of Spine MRI: Technical Quality And Interpretive Variability And Accuracy: Part 1
Richard D. Herzog, MD, FACR

9:30 **BREAK & VISIT THE EXHIBITS**

10:00 - 11:00 **SECOND SURGERY ISSUES: EXPLORING COMPLICATIONS**
Moderator: Arthur L. Jenkins, III, MD
Timekeeper: Michael Groff, MD

- 10:00 Infections And Hardware Failure
Colin B. Harris, MD

- 10:08 Adjacent Level Breakdown: Avoidance & Management - Did I Stop Too Short?
Vinko Zlomislic, MD

- 10:16 Complex Spine Surgery In The Elderly Patient: When To Say No!
Colin B. Harris, MD

FEATURE

- 10:24 **Distinguished Professor Lecture:** Value of Spine MRI: A Technical Quality And Interpretive Variability And Accuracy: Part 2
Richard D. Herzog, MD, FACR

- 10:32 Physician Burnout: The Health Of A Spine Surgeon - Navigating Life Balance
Marc J. Levine, MD

SPINE • GRAND BALLROOM 6

10:40	Case Presentations With Questions & Answers Case Panel Moderator: Jeffrey M. Spivak, MD Case Panel: Jay E. Bowen, DO Colin B. Harris, MD Arthur L. Jenkins, III, MD Marc J. Levine, MD Vinko Zlomisljic, MD
11:00 - 11:16	ADULT TRAUMA & DEFORMITY Moderator: Steven R. Garfin, MD
11:00	Debate: 37-Year-Old Male Falls From The Roof Hanging Christmas Lights With A Thoracolumbar Burst Fracture Debate Moderator: Steven R. Garfin, MD
11:00	Pro: Thoracolumbar Burst Fractures: I Operate And Here Is Why? Vinko Zlomisljic, MD
11:08	Pro: Thoracolumbar Burst Fractures: Slow Down! They Can Heal Without Hardware & No Progressive Weakness Colin B. Harris, MD
11:16 - 12:00	METABOLIC DISEASE WITH MINIMAL INTERVENTION Moderator: Grigoriy Arutyunyan, MD
11:16	Vertebroplasty Versus Kyphoplasty & The Osteoporotic Fracture: Is It Worth The Time, Who Should Do It & Why? Jeffrey M. Spivak, MD
11:24	Metastatic Disease & Kyphoplasty: The Role For Cement Augmentation Grigoriy Arutyunyan, MD
11:32	Case Presentations, Wrap Up & A Potpourri With Answers Case Panel Moderator: Isador H. Lieberman, MD, MBA, FRCSC Case Panel: Grigoriy Arutyunyan, MD Steven R. Garfin, MD Colin B. Harris, MD Eric O. Klineberg, MD, MS Jeffrey M. Spivak, MD Vinko Zlomisljic, MD
12:11	Lunch Served
12:26 - 1:26	FEATURE - ALL INVITED Luncheon Symposium: Eliminate the Threat of Lawsuits, Protect Your Medical License, and Reduce Your Tax Burdens Supported by Legally Mine Bellagio Ballroom 2, 3, 4, 6, 7

ADVANCED PRACTITIONER SUMMIT • CEZANNE

7:00	Welcome & Introduction Advanced Practitioner Chair Charles A. Thigpen, PT, PhD, ATC
7:05 - 8:10	OPTIMAL STRATEGIES IN SPINE REHAB Moderator: George J. Davies, DPT, ATC, CSCS Timekeeper: Charles A. Thigpen, PT, PhD, ATC
7:05	Oh The Mistakes! The Correct Diagnosis Always Leads To A Good Outcome Thomas Denninger, DPT, OCS, FAAOMPT
7:15	Opioids And Managing Pain: Fixing Spine Surgery And Narcotics Chad Cook, PT, PhD, MBA, FAAOMPT
7:25	Rehab For The Spine Patient: When To Refer To The Surgeon Thomas Denninger, DPT, OCS, FAAOMPT
7:35	Guest Surgeon: Understanding Intervention Of A Spine Patient: Stopping Rehab, Doing Surgery, Returning To Rehab Vinko Zlomisljic, MD
7:50	Spine Rehabilitation: One Size Fits None - 10 Minutes, 10 Tips Thomas Denninger, DPT, OCS, FAAOMPT
8:00	The Hip: The Missing Link In Treating Low Back Pain Mike Voight, DHSc, PT, OCS, SCS, ATC
8:10 - 9:30	RETURN TO SPORT IN SPINE PATIENTS Moderator: Lane Bailey, PT, PhD, DPT, CSCS
8:10	Return To Golf & Rotational Sports Following Spine Injury & Surgery Mike Voight, DHSc, PT, OCS, SCS, ATC
8:20	Return To Sport & Recovery Science In Elite Athletes With Back Issues Charles A. Thigpen, PT, PhD, ATC
8:30	Principles Of Objective & Functional Testing: The Sport Test George J. Davies, DPT, ATC, CSCS
8:40	Update On Robotic Spine Surgery 2018 Isador H. Lieberman, MD, MBA, FRCSC
8:50	Cervical Assessment And Treatment In Concussed Athletes Thomas Denninger, DPT, OCS, FAAOMPT
9:00	Case Presentations With Questions & Answers: Spine And Concussion Case Moderator: Thomas Denninger, DPT, OCS, FAAOMPT Case Panel: George J. Davies, DPT, ATC, CSCS Charles A. Thigpen, PT, PhD, ATC Mike Voight, DHSc, PT, OCS, SCS, ATC
9:30	BREAK & VISIT THE EXHIBITS

ADVANCED PRACTITIONER SUMMIT • ROOM CEZANNE

10:05 - 12:01	THE MODERN ERA: FOOT & ANKLE Moderator: Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT Timekeeper: Charles A. Thigpen, PT, PhD, ATC
10:05	Ankle & Foot Injuries In The Professional Tennis Player: How It May Affect You Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS
10:20	5 Examination Keys That Drive Treatment Approaches For Foot & Ankle Injuries Jay Hertel, PhD, ATC
10:35	Rehabilitation Implications Of Sensorimotor Changes In Chronic Ankle Instability Jay Hertel, PhD, ATC
10:50	Sensorimotor Changes In The Elite Athlete: Change To Input To Change The Outcome Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT
11:00	Walk Before You Run: Gait Retraining Strategies Following Ankle Injuries Jay Hertel, PhD, ATC
11:15	Panel: The 37-Year-Old Dreaded Pop In The Achilles Panel Moderator: Sam A. Labib, MD 11:15 Pro: Nonoperative Works! Let Me Explain, Get Out Of My Way Lane Bailey, PT, PhD, DPT, CSCS 11:22 Pro: Don't Be Silly, Fix The Achilles & Move On Sam A. Labib, MD 11:29 Pro: Rehab For The Surgical & Nonsurgical Achilles In Athletes Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS

11:36 Case Presentations With Questions & Answers: Running
Case Panel Moderator: Todd S. Ellenbecker, DPT, MS, CSC, OCS, CSCS
Case Panel: Lane Bailey, PT, PhD, DPT, CSCS
Sue Falsone, PT, MS, SCS, ATC, CSCS, COMT
Jay Hertel, PhD, ATC
Sam A. Labib, MD

12:11 Lunch Served

12:26 - 1:26 FEATURE - ALL INVITED
Luncheon Symposium: Eliminate the Threat of Lawsuits, Protect Your Medical License, and Reduce Your Tax Burdens
Supported by Legally Mine
Bellagio Ballroom 2, 3, 4, 6, 7

A Comprehensive Global Orthopaedic Course!

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Biologics

PICK ONE EACH DAY (LUNCH OR DINNER PROVIDED) SPOTLIGHT SESSIONS

Limited Space. Advanced Registration Required. See Registration Desk Or Visit OrthoSummit.com To Reserve Your Seat.

WEDNESDAY, DECEMBER 5TH | 6:00 – 7:30 PM | DINNER PROVIDED WITH FOOD STATIONS

Treating The Complex Knee: New Technologies, Instrumentation And Surgical Techniques For Improving Patient Outcomes And Expanding Your Practice

Supported by Smith & Nephew

Room: Bellagio Ballroom 1, 5

Faculty: Nirav H. Amin, MD

Charles H. Brown, MD

Scott C. Faucett, MD

Andrew Geeslin, MD

Darren L. Johnson, MD

Armando Vidal, MD

The objectives of this workshop are to discuss and demonstrate new technologies, surgical instrumentation and surgical techniques that can be used by practicing orthopaedic surgeons to:

- Expand indications and improve outcomes of meniscal repairs
- Understand the role of lateral extra articular reconstruction
- Address associated medial and posterolateral corner associated ligamentous laxities
- Understand the proper, safe and effective use of coblation
- Expand your practice by bridging the procedure gap between Chondroplasty and Arthroplasty

ADVANCED REGISTRATION REQUIRED

THURSDAY, DECEMBER 6TH | 12:00 – 1:00 PM | LUNCH - ADVANCED REGISTRATION REQUIRED

Knee Preservation Techniques And Case Presentations

Supported by Arthrex

Room: Grand Ballroom 3

Faculty: Brian D. Busconi, MD

Thomas M. DeBerardino, MD, FAOA

Beth E. Shubin Stein, MD

Seth Lawrence Sherman, MD

John W. Xerogeanes, MD

This session will focus on maximizing knee joint preservation outcomes by addressing cartilage, ligament, meniscus and alignment pathology before committing to arthroplasty solutions.

Why All HAs Are Not The Same

Supported by Bioventus

Room: Renoir 2

Faculty: Mark D. Campbell, MD

After this presentation, attendees will be better able to understand and appreciate:

- The mechanism of action and effectiveness of the HA class for treatment of knee osteoarthritis (OA)
- The unique science behind the design of DUROLANE® as a single-injection treatment for knee OA
- The clinical evidence supporting the efficacy and safety of DUROLANE, SUPARTZ FX™ and Gelsyn-3™ for knee OA
- Which patients may benefit the most from DUROLANE

Complex Meniscal Repairs Made Simple With NovoStitch® Pro

Supported by: Ceterix

Room: Renoir 1

Faculty: Christopher Dougherty, DO

Recent research has demonstrated that repair of radial, root, horizontal and complex meniscal tears can improve patient clinical outcomes over baseline. The new NovoStitch® Pro Meniscal Repair System enables repair of a variety of tear patterns by delivering Circumferential Compression Stitches and design features enabling precise stitch targeting and anatomical reduction of the entire tear. This presentation will feature a review of new meniscal repair research and techniques to repair even the most complex meniscal tears.

Repair vs. Reconstruction: Challenging The Gold Standard For Lateral Ankle Instability

Supported by ConMed

Room: Grand Ballroom 6

Faculty: Mark Glazebrook, MSC, PHD, MD, FRCS(C)

Christopher Lee, MD

Dr. Christopher Lee will discuss the pros of the gold standard Brostrom repair when addressing lateral ankle instability utilizing CONMED's latest innovation in soft tissue fixation for small joints, the TruShot™ with Y-Knot®. Alternatively, Dr. Mark Glazebrook will discuss a novel technique for reconstruction called Percutaneous Anti-RoLL, which involves the anatomic recreation of the ATFL and CFL using an allograft and tenodesis fixation. Both positions will be presented with points, counterpoints, and an opportunity for questions from attendees.

Localized Treatment For Osteoarthritis Knee Pain With A Novel Intra-Articular Formulation

Supported by Flexion

Room: Cezanne

Faculty: Kevin D. Plancher, MD, MPH

John C. Richmond, MD

Osteoarthritis of the knee (OAK) is increasing in prevalence, with patients being diagnosed earlier and living longer with pain. With the increasing impact of OAK, it becomes increasingly important for clinicians to have treatment options along the disease continuum to alleviate the joint pain that is a hallmark of OAK.

This program will introduce ZILRETTA® (triamcinolone acetonide extended-release injectable suspension), the first and only FDA-approved intra-articular treatment for OAK pain utilizing extended-release microsphere technology.

Upon completion of this program, attendees will be able to:

- Understand the role of different treatment options in managing OAK
- Discuss the limitations of traditional intra-articular corticosteroid therapy
- Introduce the first and only FDA-approved treatment for OAK utilizing extended-release microsphere technology
- Review the clinical data supporting approval for ZILRETTA as an intra-articular treatment for OAK pain

SPOTLIGHT SESSIONS PICK ONE EACH DAY (LUNCH OR DINNER PROVIDED)

Limited Space. Advanced Registration Required. See Registration Desk Or Visit OrthoSummit.com To Reserve Your Seat.

THURSDAY, DECEMBER 6TH | 12:00 – 1:00 PM | LUNCH - ADVANCED REGISTRATION REQUIRED

Anatomic Approach To Multi-ligament Reconstructions And Meniscal Repair: Innovative Systems, Techniques And Advancements In Opioid-Sparing Post-Operative Pain

Supported by Johnson & Johnson

Room: Grand Ballroom 9

Faculty: Wasik Ashraf, DO

Shariff K. Bishai, DO, MS, FAOAO

David R. Diduch, MD, MD

This session is a must-see, case based presentation discussing their latest techniques for treating multi-ligament reconstructions and meniscal repair. Come away from this session with fresh, creative approaches and tools to build successful treatment methods for your soft tissue multi-ligament reconstructions and meniscal repairs. Discussion will cover an array of clinical case scenarios, treatment options, and new technology.

Featured Products: TRUESPAN™ Meniscal Repair System, SPEEDTRAP™ Graft Prep System, TWISTR™ Retrograde Reamer, RIGIDLOOP® Adjustable Cortical Fixation System, Intrafix Advance™ Tibial Fastener System, MILAGRO® Advance Interference Screw

Unstable Elbow: Solving The Problem Finally!

Supported by Skeletal Dynamics

Room: Grand Ballroom 7

Faculty: Jorge L. Orbay, MD

This session will cover the biomechanics and kinematics of the elbow joint, as well as procedural options for management of an unstable elbow.

SwiftPath: Commercial Bundles For ASC Joint Replacement: Turn-key Solutions

Supported by: Swiftpath & Pacira Pharmaceuticals

Sponsored by: Pacira Pharmaceuticals

Room: Van Gough

Faculty: Ira Kirschenbaum, MD

Craig M. McAllister, MD

Andrew Wickline, MD

Outpatient joint replacement is a rapidly growing segment of the joint replacement industry. The SwiftPath Program, developed by practicing orthopaedic surgeons, has the greatest experience in successfully bringing outpatient joint replacement to your ASC or hospital. Whether this is a partial knee replacement, total knee or hip replacement, the SwiftPath Program covers the entire episode of care.

Upon completion of this program, attendees will be able to:

- Understand how to identify patients who are candidates for outpatient joint replacement surgery.
- Discuss the process related to the entire episode of care in outpatient joint replacement from preoperative evaluation, ASC preparation, relationships with vendors, patient education, postoperative protocols, and long-term outcomes.
- Apply SwiftPath concepts to their own hospitals in the development of a safe and efficient outpatient joint replacement program.
- Implement the proper information technology to successfully manage the outpatient joint replacement program and necessary outcomes measures.
- Review successful clinical and financial models in outpatient joint replacement.

MACI® With Tibial Tubercle Osteotomy Demonstration

Supported by Vericel

Room: Monet 2

Faculty: Christian Lattermann, MD

Thomas Minas, MD

Dr. Minas will perform a cadaver demonstration of the MACI® implant and a tibial tubercle osteotomy, moderated by Dr. Lattermann, followed by a live multiple defects case study video presentation.

Personalized Implants Designed For Optimal Fit And Function In Total Knee Arthroplasty

Supported by Zimmer Biomet

Room: Gaugin

Faculty: Michael A. Kelly, MD

Wayne G. Paprosky, MD

Survivorship & Satisfaction: Anatomic Tibias, Medial Congruent Bearings and Cementless Constructs

THURSDAY, DECEMBER 6TH | 1:30 – 3:00 PM

Procedure & Practice KNEE INJECTION WORKSHOP

Supported by Ferring Pharmaceuticals

Room: Cezanne

Faculty: Michael W. Schucker, MS, PAS, PA-C

A non-CME hands-on learning experience for Physician Assistants, Nurse Practitioners, and Surgeons.

Limited Seating!

- Every Spotlight Requires Registration
- Ticket & Name Badge Verification
- First Come, First Served
- No Exceptions!



PICK ONE EACH DAY (LUNCH OR DINNER PROVIDED) SPOTLIGHT SESSIONS

Limited Space. Advanced Registration Required. See Registration Desk Or Visit OrthoSummit.com To Reserve Your Seat.

THURSDAY, DECEMBER 6TH | 3:00 – 6:00 PM - ADVANCED REGISTRATION REQUIRED

DePuy Synthes AANA Knee & Shoulder Arthroplasty, Fracture, Arthroscopy Mini-Fellowship w/ Johnson & Johnson Medical Devices

Supported by Johnson & Johnson Medical Devices Companies

Room: Bellagio Ballroom 1, 5

Knee & Shoulder Faculty: Carl J. Basamania, MD
N. Douglas Boardman, III, MD
Joel Goode, MD

Knee & Shoulder Sports

Medicine Faculty: Robert T. Burks, MD
Shariff K. Bishai, DO, MS, FAOAO
Brian D. Busconi, MD
Paul Favorito, MD
Michael J. Gardner, MD
Mark H. Getelman, MD
Jonah Hebert-Davies, MD
James Krieg, MD
Marc R. Labbe, MD
Richard K.N. Ryu, MD
Sean McMillan, DO, FAOAO
Felix H. "Buddy" Savoie, III, MD

Trauma Faculty: Michael J. Gardner, MD
Jonah Hebert-Davies, MD
James Krieg, MD

Experience how Johnson & Johnson Medical Devices leads in the shoulder continuum of care. This 3-hour educational event displays the comprehensive solutions in arthroscopic minimally invasive procedures, shoulder fracture, knee and shoulder arthroplasty. Attendees will hear from faculty thought leaders on each of these solutions as well as opioid-sparing pain management, and will participate in a 24-station cadaveric lab of their procedural interest.

Work with the experts and perform up to two procedures. Choose from:

- Shoulder Arthroplasty: Anatomic Global Unite Platform
- Reverse Global APG & Delta Extend
- Trauma: Proximal Humerus Fractures, Fracture Plating, IM Nailing
- Latarjet
- Superior Capsular Reconstruction
- Arthroscopic Rotator Cuff Repair
- Arthroscopic Bankart
- ACL Repair
- PCL Repair
- Meniscal Repair

Endorsed By



FRIDAY, DECEMBER 7TH | 12:00 – 1:00 PM | LUNCH - ADVANCED REGISTRATION REQUIRED

Shoulder Preservation Techniques And Case Presentations

Supported by Arthrex

Room: Grand Ballroom 9

Faculty: Brian J. Cole, MD
Raffy Mirzayan, MD
Bradford O. Parsons, MD
John M. "JT" Tokish, MD

This session will focus on maximizing patient outcomes by addressing instability and rotator cuff pathology before committing to arthroplasty solutions.

Dealing With Anatomic Bone Loss From Instability To Arthritis- How To Make It Anatomic Again

Supported by ArthroSurface

Room: Renoir 1

Faculty: Kevin Farmer, MD
Anthony Miniaci, MD

This workshop will discuss treating Shoulder Osteoarthritis with the Innovative, Bone and Motion Preserving OVO, OVOMotion & Glenojet Implant Systems. The new OVOMotion Stemless Total Shoulder Implant system provides the surgeon with an approach that results in increased exposure to the glenoid, minimal bone removal, and is designed for patients with painful and/or severely disabled shoulder joints resulting from arthritis, traumatic events or AVN. Faculty will provide clinical insights, experience, surgical technique and patient outcome data.

The Opioid Epidemic: Multi-Modal Approaches To Reduce Opioid Consumption Post-Operatively

Supported by Avanos

Room: Renoir 2

Faculty: James Reeves, MD
Sonia Szlyk, MD

In light of the opioid epidemic, Avanos Medical, Inc. invites you to join a discussion with Dr. James Reeves, Orthopedic Surgeon at Inova Fair Oaks, and Dr. Sonia Szlyk, Director of Regional Anesthesia at North American Partners in Anesthesia Mid-Atlantic Division, about new ways to reduce opioid consumption after surgery.

Risk Mitigation Of Infection Following Total Joint Arthroplasty

Supported by ConvaTec

Room: Monet 2

Faculty: Derek Amanatullah, MD
Kirby Hitt, MD,
Louis Kwong, MD

The goal of the ConvaTec symposium is to provide a forum for discussing the latest clinical evidence supporting advanced wound dressings and algorithms to optimize patient outcomes in total joint arthroplasty. ConvaTec recently received FDA approval for the Avelle incisional negative pressure device and this will also be introduced as part of the session.

SPOTLIGHT SESSIONS PICK ONE EACH DAY (LUNCH OR DINNER PROVIDED)

Limited Space. Advanced Registration Required. See Registration Desk Or Visit OrthoSummit.com To Reserve Your Seat.

FRIDAY, DECEMBER 7TH | 12:00 – 1:00 PM | LUNCH - ADVANCED REGISTRATION REQUIRED

Outpatient TJA: The New Rules Of Engagement: Knee Arthroplasty & More!

Supported by DJO

Room: Cezanne

Faculty: Peter Caccavallo, MD
Joe Jankiewicz, MD,
Douglas E. Padgett, MD
Scott Sporer, MD

Panel discussion covering:

- My experience with DJO and the EMPOWR Knee
- Do Kinematics Drive Patient Satisfaction with the EMPOWR 3D Knee? (EMPOWR 3D Knee)
- Cementless Knee Arthroplasty: Is it time to make the switch? (EMPOWR Porous Knee)
- Risk stratification for safe patient selection (OARA)
- Improving patient satisfaction and reducing complications with a dual pivot knee design and post operative patient monitoring (Patient Monitoring w X4 Brace)

Managing Complex Proximal Humerus Fractures

Supported by Johnson & Johnson

Room: Grand Ballroom 3

Faculty: Carl J. Basamania, MD
James Krieg, MD

Come join an expert group of faculty to learn more about your treatment options of complex proximal humerus fractures in this interactive, case based discussion. Dr. Basamania was a design surgeon for the Global Unite Reverse for Fracture and will provide insight into his patient selection and technique. Dr. Krieg is a Harborview trained traumatologist and was a design surgeon for the MultiLoc® Humeral Nail. He will discuss his patient selection and technique for plating and nailing of proximal humerus fractures.

Mazor X Robotic Guidance Platform: Innovations And Evolutions In Spine Surgery

Supported by Medtronic

Room: Grand Ballroom 7

Faculty: Isador H. Lieberman, MD, MBA, FRCS

This workshop will focus on the Mazor X™ Robotic Guidance Platform which enables surgeons to perform minimally invasive surgeries with a guided robotic arm. Through surgical goal planning with advanced 3D planning software and precise robotic technology, the Mazor X™ is designed for surgeons seeking accuracy and efficiency in spine implant therapies.

THE NEXT LEVEL: Biomechanical To Biological Solutions To Advance Rotator Cuff Repairs

Supported by Smith & Nephew

Room: Grand Ballroom 6

Faculty: Nirav H. Amin, MD
Xavier A. Duralde, MD
Michael T. Freehill, MD
Felix H. "Buddy" Savoie III, MD

The Objectives of this workshop are:

- The open architecture design, crimson duvet effect of the HEALICOIL™, how they help stimulate natural biologics and the benefit of using the REGENESORB™ material for complete absorption and bone replacement within 24 months.
- The anti-cookie cutter approach for RCR, and how to use new advanced healing technology to treat patients dependent on what their MRI/Diagnostic scope indicates.
- The open architecture design in HEALICOIL™ and the bio-inductive properties of REGENETEN™

Innovative, Bone Conserving Humeral and Glenoid Solutions Featuring Sidus® Stem Free Shoulder, Comprehensive® Augmented Baseplate And Vault Reconstruction System (VRS)

Supported by Zimmer Biomet

Room: Gaugin

Faculty: Stephen F. Brockmeier, MD

This session will discuss the early clinical experience on new, bone conserving technologies and how these technologies can advance the treatment of humeral and glenoid deficiencies. The session faculty will offer some interesting insights into the use of the Zimmer Biomet Sidus® Stem Free Shoulder, Comprehensive® Augmented Baseplate and other technologies.

PICK ONE EACH DAY (LUNCH OR DINNER PROVIDED) SPOTLIGHT SESSIONS

Limited Space. Advanced Registration Required. See Registration Desk Or Visit OrthoSummit.com To Reserve Your Seat.

FRIDAY, DECEMBER 7TH | 5:30 – 7:00 PM | DINNER - ADVANCED REGISTRATION REQUIRED

Zimmer Biomet Educational Experience

Supported by Zimmer Biomet

Room: Bellagio Ballroom 1, 5

Faculty: Chris Baker, MD

Shariff K. Bishai, DO, MS,
FAOAO

Brian Butler, MD

Steve Cohen, MD

H. John Cooper, MD

Amon Ferry, MD

Sherwin Ho, MD

Donald Knapke, MD

Eric C. McCarty, MD

Matt Miller, MD,

Wayne G. Paprosky, MD

Sirah Sayeed, MD

Robert Tait, MD

Lucas Wymore, MD

Join Zimmer Biomet for an educational opportunity featuring the latest implants and technologies designed to provide solutions for the continuum of patient care from early intervention options to total joint arthroplasty to alleviate pain, restore mobility and improve quality of life. In addition to having access to hands-on experiences, you will have the opportunity to discuss challenges of THA, TKA, Sports Medicine and the Subchondroplasty® Procedure with our onsite faculty.

This event will include 20 stations.

- Revision Hip Arthroplasty Cadaveric Lab Featuring the Arcos® Modular Femoral Revision System and Trabecular Metal™ Acetabular Revision System
- Knee Arthroplasty Cadaveric Lab Featuring the Persona® Knee System and the Persona Partial Knee
- Medial Congruent Advanced Bearing, FuZion Instruments, and Trabecular Metal Tibia will be available for trial
- Knee Creations – Subchondroplasty® Procedure, a treatment option for subchondral bone defects, sometimes called Bone Marrow Lesions (BML)
- Sports Medicine – addressing ACL reconstructions, meniscal repairs, labral repairs, rotators cuff repairs and SCRs
- Virtual Reality Surgical Techniques featuring the Persona® Partial Knee System
- “Surgeon Zone” area featuring qualified surgeon faculty available to discuss joint reconstruction with you.

FELLOWS & RESIDENT DAY

SATURDAY, DECEMBER 8TH | 12:28 – 1:28 PM | FELLOWS & RESIDENT LUNCH

Preparing For Practice In Today's Healthcare Environment

Supported by Surgical Care Affiliates

Room: Grand Ballroom 7

Faculty: Shariff K. Bishai, DO, MS, FAOAO

John M. Keggi, MD

Sean McMillan, DO, FAOAO

Team Leader: Marney Reid

Learning objectives:

- Preparing for fellowship
- Career goal setting – aligning the right employment model and practice with your goals
- The four employment models and the benefits and challenges of each
 - Academic, hospital employee, private practice, Privademics
- Networking for a job – it starts in residency
- Employment contractual obligations

SATURDAY, DECEMBER 8TH | 1:30 – 5:30 PM | FELLOWS & RESIDENT WORKSHOPS - ADVANCED REGISTRATION REQUIRED

North American Fellows Course On Individualized Knee Arthroplasty: Cadaver Lab With Series Of Clinical And Practical Topics About Total Knee Arthroplasty

Limited Seating - First 20 - First Come, First Served

Supported by Conformis

Room: Renoir

Faculty: Henry D. Clarke, MD

Bryan Huber, MD

William Kurtz, MD

Matt Niesen, MD

Raj Sinha, MD

Robert Tait, MD

The course objective is to provide an interactive educational experience related to:

- Understanding the advanced information provided through a 3D designed knee arthroplasty system
- Can an implant system be 100% patient conforming and still be cost effective? Debunking the myth of sizes vs patients
- Interpreting the presurgical plan – why you can trust it!
- Transition thought processes from a “soft tissue” procedure to a “bony” procedure
- The difference between patient specific and patient conforming instrumentation- they are not the same!
- Hands on cadaveric experience with a patient conforming implant system and 3D printed instrumentation

Training Sessions With The Virtamed Arthros™ Hip, Ankle, Shoulder And Knee And Fast Simulators

Supported by VirtaMed

Room: Van Gough

Faculty: Christina Fabian

Jennifer Hammann

Rick Hoedt

VirtaMed is inviting residents to a free 30 minute training session on the ArthroS™ shoulder, hip, knee and ankle simulators. Register in advance to improve your arthroscopy skills on the only AANA-approved simulator.

Prizes awarded to the best for each simulator.

Learn How To Perform In-Office Arthroscopy Using The Dynamic Imaging Platform

Supported by Trice Medical

Room: Gauguin

Faculty: Nirav H. Amin, MD

Shariff K. Bishai, DO, MS, FAOAO

Sean McMillan, DO, FAOAO

John W. Xerogeanes, MD

Trice Medical invites residents and fellows to get hands-on with the Dynamic Imaging Platform, a powerful combination of in-office imaging devices that help physicians diagnose joint injuries. In this course you will use mi-eye and mi-ultra on cadavers to perform a full diagnostic arthroscopy on an HD tablet.

Educational Opportunities

OSET Spotlight Sessions

Bellagio Hotel

December 6 & 7, 2018

Personalized Implants Designed for Optimal Fit and Function in Total Knee Arthroplasty

Anatomic Tibial Design & Function and Medial Congruent Bearing Design & Function

Location: Gauguin

Thursday, December 6 | 12:15pm

Innovative, Bone Conserving Humeral and Glenoid Solutions Featuring Sidus[®] Stem Free Shoulder, Comprehensive[®] Augmented Baseplate and Vault Reconstruction System (VRS)

Location: Gauguin

Friday, December 7 | 12:15pm

Zimmer Biomet Educational Experience

An Interactive Hands-On Cadaveric Opportunity

Location: Grand Ballroom 1,5

Friday, December 7 | 5:35pm



Please register onsite at the
OSET 2018
Annual Meeting

Visit Booth #307

Registration for these events is required.

These opportunities are only for attendees registered for the OSET meeting.

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EXHIBITS • GRAND BALLROOM 1, 2, 4, 5, 8

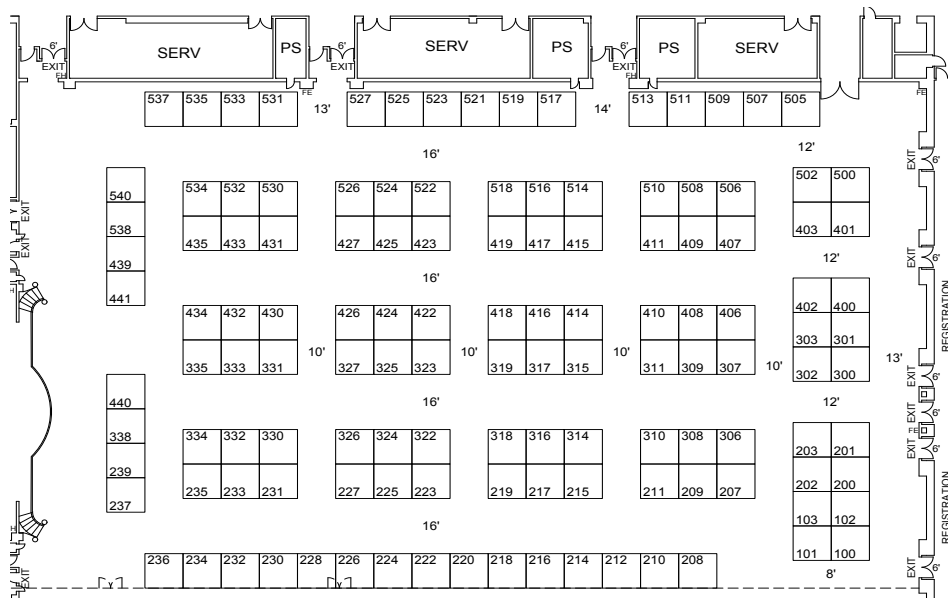


EXHIBIT HALL HOURS

Wednesday, December 5th
6:00am - 5:00pm

Thursday, December 6th
6:00am - 4:15pm

Chairman's Reception
7:00pm - 8:30pm

Friday, December 7th
6:00am - 4:00pm

Saturday, December 8th
Opens 6:00am

BREAKFAST SERVED DAILY
6:00am - 8:50am

BOOTH	COMPANY NAME	BOOTH	COMPANY NAME	BOOTH	COMPANY NAME
101	Ferring Pharmaceuticals	314	DJO	425	TRX Orthopedics
103	Catalyst OrthoScience	315	Stryker	426	ConvaTec
201	Johnson & Johnson Medical Devices Comp.	316	Freeze Sleeve	427	Terumo BCT
203	Globus Medical	318	Mindray USA	430	NuVasive
207	P3/Referral Pad/Swiftpath	319	OsteoRemedies	431	Birdeye
208	Modernizing Medicine	322	KCI, an Acelyty Company	432	R&D Regenerative Laboratory Resources
209	Cartilage Repair Systems	323	CurveBeam	433	EPIX Orthopaedics
210	AVANOS	324	BREG, Inc.	435	Carestream Health
211	Trice Medical	325	OrthAlign	502	Smith & Nephew
212	Amgen	326	SmartTRAK Business Intelligence	505	Pharmatechnology HMED
214	Legally Mine	327	Orthofix	506	CeramTec Medical Products
215	Surgeons Capital Management	330	web.com	507	Wright Medical
216	Histogenics	330	Conventus Orthopaedics	508	Exactech
217	Axoloti Biologix	332	Kinamed	509	WR Specialists
218	Regenacell Therapy	332	Tiemann Surgical	510	Doctor.com
219	Catalyst Sales and Marketing	333	Aesculap Biologics	511	Konica Minolta Healthcare Americas
220	Ceterix Orthopaedics	335	Skeletal Dynamics	513	Lima USA
223	Hologic	400	Arthrex	514	Ortho-Space Ltd.
224	Bioventus	402	Medtronic	516	BD (formerly Bard)
225	MiMedx	406	Rebound Medical LLC	517	Medacta USA
226	Surgenex	407	Vericel	518	iWALKFREE
227	RegenLab USA	408	Cartiva	519	Samumed
228	Integra LifeSciences	409	Innomed	521	RTI Surgical
230	Fidia Pharma	410	Encompass Biologics	522	Karl Storz Endoscopy-America
231	Ossio	414	Arthrosurface	523	Shukla Medical
232	Terumo Cardiovascular Group/Fresenius Kabi	415	CONMED	525	Horizon Pharma
233	Biedermann Motech	416	Predictive Biotech	526	Parcus Medical
302	Flexion Therapeutics	417	Lipogems	527	SI-BONE
306	ConforMIS	419	Reparel	530	GE Healthcare
307	Zimmer Biomet	422	Organogenesis Surgical & Sports Medicine	532	Acumed
310	VirtaMed Inc.	423	LifeNet Health		
311	ZipLine Medical	424	QTC, a Leidos Company		

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Aesculap Biologics was established in January 2012 as a division of Aesculap, Inc and is focused on biological approaches to the repair and regeneration of diseased or damaged tissues.

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The CARESTREAM OnSight 3D Extremity System uses CT technology to capture high-quality, low-dose, 3D weight-bearing images to evaluate orthopaedic conditions of feet, ankles, hands, wrist, knees, elbows and other joints.

Booth 209

Cartilage Repair Systems

535 Madison Avenue
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Cartilage Repair Systems (CRS) is a newly established Joint Preservation company developing and commercializing technologies in the fields of Orthopedic Sports Medicine. Our core technology is CartiONE, a ONE hour service that provides surgeons with the patient's own (autologous) freshly isolated chondrocytes and bone marrow cells for use in ONE surgical procedure. CartiONE is available in both the USA and the EU. CRS is owned by Saratoga Partners LLC.

Booth 408

Cartiva

6120 Windward Parkway, Suite 220
Alpharetta, GA 30005 USA
www.cartiva.net

Cartiva, Inc. is a medical device company focused on the treatment of osteoarthritis in the extremities. Cartiva's synthetic cartilage is the only FDA-approved biomedical implant that mimics natural cartilage.

Booth 103

Catalyst OrthoScience

14710 Tamiami Trail N., Suite 102
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www.catalystortho.com

At Catalyst OrthoScience, our goal is to develop innovative medical solutions that make orthopedic shoulder surgery less invasive and more efficient for both surgeons and patients. The Catalyst CSR is a multi-planar stemless, subchondral bone preserving, anatomic total shoulder replacement. The precision instrumentation was engineered to simplify the glenoid exposure and consistently deliver a precise and accurate shoulder reconstruction.

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www.ceterix.com

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Booth 426

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Booth 330**Conventus Orthopaedics**

10200 73rd Avenue North, #122
Maple Grove, MN 55369 USA
www.conventusortho.com

Conventus Cages are based on 3-dimensional fracture management, which emphasizes preservation of tissues, creating a strong foundation and facilitating early motion through less invasive procedures. See Conventus Orthopaedics at Booth #330.

Booth 531**CuraMedix**

40 Albion Road, Suite 101
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www.curamedix.com

CuraMedix is the US distributor of STORZ Medical EPAT devices. Extracorporeal Pulse Activation Technology (EPAT) sometimes referred to as ESWT or Shock Wave, is an evidence-based, non-invasive approach to treating musculoskeletal pain.

Booth 323**CurveBeam**

2800 Bronze Drive, Suite 110
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CurveBeam manufactures cone beam CT imaging systems for the orthopedic extremities. CurveBeam's weight bearing systems provide three-dimensional alignment views of the lower extremities.

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www.endo.com

Endo Pharmaceuticals Inc., headquartered in Malvern, PA, develops and markets quality branded pharmaceutical products. Endo Pharmaceuticals is an operating company of Endo International plc. Learn more at www.endopharma.com.

Booth 433**EPiX Orthopaedics**

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www.epixortho.com

Epix Orthopaedics is an orthopaedic trauma device company that developed an adjustable nail for the treatment of hip, femur and long bone fractures with the Variable Angle Nail (VAN).

Booth 508**Exactech**

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Gainesville, FL 32653 USA
www.exac.com

Exactech develops and produces bone and joint restoration products that help surgeons worldwide make patients more mobile. For more information, please visit www.exac.com.

Booth 434**Exscribe**

5 W. 4th Street
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Exscribe Orthopaedic Healthcare Solutions: Orthopaedic-specific EHR, practice management, and surgical coding designed for Orthopedic practices. Features: extensive clinical knowledgebase, e-prescribing, patient portal, iPad app. Integrates with PM/billing & PACS systems.

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www.ferringusa.com

Ferring Pharmaceuticals is a research-driven biopharmaceutical company devoted to identifying, developing and marketing innovative products in the fields of orthopaedics, women's health, reproductive health, gastroenterology, urology and pediatric endocrinology. To view all of our US offerings, please visit www.ferringusa.com.

Booth 230**Fidia Pharma**

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www.fidiapharma.us

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Booth 203

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Booth 334

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www.mindray.com

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www.mininvasive.com

MinInvasive Ltd., founded in 2011, is a privately held MedTech company developing its OmniCuff™ System platform – a single-patient use device enabling arthroscopic, needle-based rotator cuff repair (RCR) that obviates the need for suture anchors. The company has conducted a successful post-market study, established a manufacturing facility to support mass production, and initiated limited market release in the United States.

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Modernizing Medicine® and its affiliated companies transform how healthcare information is created, consumed and utilized to increase efficiency and improve outcomes. Our specialty-specific, data-driven and cloud-based electronic health records (EHR) and practice management systems, plus revenue cycle management services, were built by a team including specialty physicians and practice management professionals. Our suite of products and services is designed to transform the clinical, financial and operational aspects of orthopedics.

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Booth 422

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3451 Plano Parkway
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Booth 514

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7 Halamish Street
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www.orthospace.co.il

OrthoSpace develops and commercializes biodegradable balloon systems for the Orthopaedic market. The Company's product, InSpace™, is a biodegradable balloon system that is a minimally invasive method that addresses unmet clinical needs in rotator cuff repair. InSpace is an investigational device in the USA, limited by Federal (or United States) law to investigational use, exclusively for clinical investigations, and is approved for marketing in EU.

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www.ossio.io

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Booth 319

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Booth 207

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Booth 505

Pharmatechnology HMed

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www.pharmatechnology.net

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www.surgeonscapitalmanagement.com

Surgeons Capital Management (SCM) is a wealth management firm dedicated to and working with surgeons around the country. We specialize in creditor and asset protection, tax-advantaged distribution, and wealth and estate strategies for high net worth individuals. Please visit our website to learn more – www.surgeonscapitalmanagement.com.

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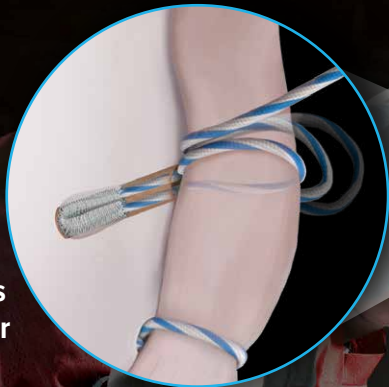
TIME	WEDNESDAY DECEMBER 5	THURSDAY DECEMBER 6	FRIDAY DECEMBER 7	SATURDAY DECEMBER 8
REGISTRATION	6:00 AM - 6:30 PM	6:00 AM - 6:30 PM	6:00 AM - 6:30 PM	6:00 AM - 2:00 PM
BREAKFAST	6:00 AM - 8:50 AM	6:00 AM - 8:50 AM	6:00 AM - 8:50 AM	6:00 AM - 8:50 AM
EXHIBIT HALL HOURS	6:00 AM - 5:00 PM	6:00 AM - 4:15 PM 7:30 PM - 8:30 PM	6:00 AM - 4:00 PM	Opens at 6:00 AM
7:00 AM	KNEE Sports, Carriage & Biologics NEW FOR 2018!	HAND, WRIST & ELBOW NEW FOR 2018!	ADVANCED PRACTITIONER SUMMIT	EXHIBIT BREAK 8:30 AM - 9:05 AM
7:30 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:50 AM - 9:29 AM	CONCURRENT SESSION Grand Ballroom 6 6:50 AM - 9:27 AM	CONCURRENT SESSION Cezanne 7:00 AM - 9:30 AM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 6:50 AM - 9:30 AM
8:00 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:50 AM - 9:30 AM	GENERAL SESSION Grand Ballroom 6 6:50 AM - 9:27 AM	CONCURRENT SESSION Cezanne 7:00 AM - 9:30 AM	SHOULDER Sports GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:55 AM - 9:30 AM
8:30 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:50 AM - 9:30 AM	GENERAL SESSION Grand Ballroom 6 6:50 AM - 9:27 AM	CONCURRENT SESSION Cezanne 7:00 AM - 9:30 AM	SPINE CONCURRENT SESSION Grand Ballroom 6 6:50 AM - 9:30 AM
9:00 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:50 AM - 9:30 AM	GENERAL SESSION Grand Ballroom 6 6:50 AM - 9:27 AM	CONCURRENT SESSION Cezanne 7:00 AM - 9:30 AM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 6:50 AM - 9:30 AM
9:30 AM	EXHIBIT BREAK 8:30 AM - 9:05 AM	EXHIBIT BREAK 8:30 AM - 9:05 AM	EXHIBIT BREAK 8:30 AM - 9:05 AM	SHOULDER Sports GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 6:55 AM - 9:30 AM
10:00 AM	KNEE Sports, Carriage & Biologics NEW FOR 2018!	HAND, WRIST & ELBOW NEW FOR 2018!	ADVANCED PRACTITIONER SUMMIT	EXHIBIT BREAK 8:30 AM - 9:05 AM
10:30 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 10:10 AM - 12:00 PM	CONCURRENT SESSION Grand Ballroom 6 10:09 AM - 11:58 AM	CONCURRENT SESSION Cezanne 10:07 AM - 12:00 PM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 10:10 AM - 12:03 PM
11:00 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 10:10 AM - 12:03 PM	GENERAL SESSION Grand Ballroom 6 10:09 AM - 11:58 AM	CONCURRENT SESSION Cezanne 10:07 AM - 12:00 PM	SHOULDER Sports GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 10:05 AM - 12:11 PM
11:30 AM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 10:10 AM - 12:03 PM	GENERAL SESSION Grand Ballroom 6 10:09 AM - 11:58 AM	CONCURRENT SESSION Cezanne 10:07 AM - 12:00 PM	SPINE CONCURRENT SESSION Grand Ballroom 6 10:05 AM - 12:11 PM
12:00 PM	LUNCH SERVED 12:00 PM - 12:15 PM	LUNCH SERVED 12:00 PM - 12:15 PM	LUNCH SERVED 12:00 PM - 12:15 PM	LUNCH SERVED 12:00 PM - 12:25 PM
12:15 PM	LUNCH SYMPOSIUM I 12:18 PM - 12:58 PM	LUNCH SYMPOSIUM I 12:18 PM - 12:58 PM	LUNCH SYMPOSIUM I 12:18 PM - 12:58 PM	LUNCH SYMPOSIUM 12:25 PM - 1:28 PM
12:30 PM	LUNCH SYMPOSIUM II 12:58 PM - 1:38 PM	LUNCH SYMPOSIUM II 12:58 PM - 1:38 PM	LUNCH SYMPOSIUM II 12:58 PM - 1:38 PM	LUNCH SYMPOSIUM 12:25 PM - 1:28 PM
1:00 PM	DESSERT & VISIT EXHIBITS 1:38 PM - 2:03 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	SURGICAL CODING WORKSHOP & CPT Surgical Coding Grand Ballroom 9 By: Karen Zurco & Associates 1:30 PM - 5:30 PM
1:15 PM	DESSERT & VISIT EXHIBITS 1:38 PM - 2:03 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	SPINE CONCURRENT SESSION Grand Ballroom 9 1:30 PM - 3:20 PM
1:30 PM	DESSERT & VISIT EXHIBITS 1:38 PM - 2:03 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 1:30 PM - 3:20 PM
1:45 PM	DESSERT & VISIT EXHIBITS 1:38 PM - 2:03 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 1:28 PM - 3:25 PM
2:00 PM	KNEE Sports, Carriage & Biologics	FOOT & ANKLE CONCURRENT SESSION Grand Ballroom 6 1:35 PM - 3:30 PM	INJECTION WORKSHOP NON-ONE Cezanne 1:30 PM - 3:00 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 1:28 PM - 3:25 PM
2:30 PM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 2:03 PM - 4:06 PM	CONCURRENT SESSION Grand Ballroom 6 2:00 PM - 4:25 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 3:51 PM - 5:25 PM
3:00 PM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 2:03 PM - 4:06 PM	CONCURRENT SESSION Grand Ballroom 6 2:00 PM - 4:25 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 3:50 PM - 5:27 PM
3:30 PM	GENERAL SESSION Bellego Ballroom 2, 3, 4, 6, 7 2:03 PM - 4:06 PM	CONCURRENT SESSION Grand Ballroom 6 2:00 PM - 4:25 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SPINE CONCURRENT SESSION Grand Ballroom 6 3:50 PM - 5:27 PM
3:45 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 3:51 PM - 5:25 PM
4:00 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 3:50 PM - 5:27 PM
4:15 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SPINE CONCURRENT SESSION Grand Ballroom 6 3:50 PM - 5:27 PM
4:30 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 3:51 PM - 5:25 PM
4:45 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	TRAUMA CONCURRENT SESSION Grand Ballroom 9 3:50 PM - 5:27 PM
5:00 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SPINE CONCURRENT SESSION Grand Ballroom 6 3:50 PM - 5:27 PM
5:30 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 4:06 PM - 4:35 PM	EXHIBIT BREAK 3:30 PM - 4:00 PM	SHOULDER Sports CONCURRENT SESSION Bellego Ballroom 2, 3, 4, 6, 7 3:51 PM - 5:25 PM
6:00 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT EXTRAVAGANZA ZIMMER BIOMET Bellego Ballroom 1, 5 5:30 PM - 7:00 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM
6:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT EXTRAVAGANZA ZIMMER BIOMET Bellego Ballroom 1, 5 5:30 PM - 7:00 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM
7:00 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT EXTRAVAGANZA ZIMMER BIOMET Bellego Ballroom 1, 5 5:30 PM - 7:00 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM
7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT EXTRAVAGANZA ZIMMER BIOMET Bellego Ballroom 1, 5 5:30 PM - 7:00 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM
8:00 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT SESSION (NON-ONE) SMITH & NEPHEW Bellego Ballroom 1, 5 6:00 PM - 7:30 PM	DINNER SPOTLIGHT EXTRAVAGANZA ZIMMER BIOMET Bellego Ballroom 1, 5 5:30 PM - 7:00 PM	DESSERT & VISIT EXHIBITS 1:00 PM - 1:30 PM

Meeting at a Glance

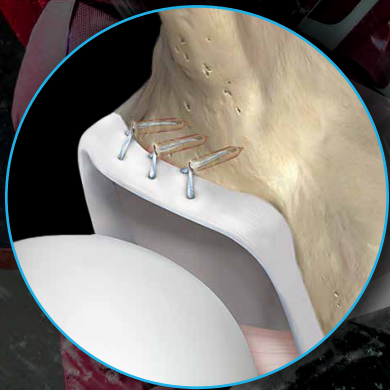
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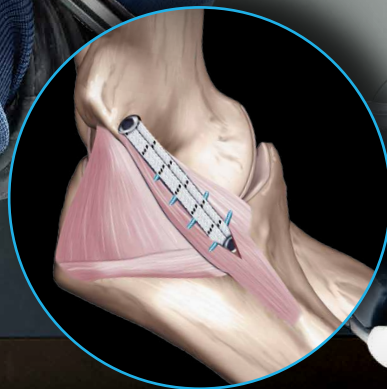
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