We would like to invite you to participate in the Orthopaedic Summit 2018: Evolving Techniques this December 5-8, 2018 at the Bellagio Hotel in Las Vegas, Nevada.

Orthopaedic Summit 2018 continues to be the premier gathering of Total Joint, Sports Medicine, Arthroscopic Surgeons and Advanced Practitioners from across the globe in Knee, Shoulder, Hip, Foot/Ankle, Spine, Trauma, Hand, Wrist & Elbow. We welcome all of you! Our 4th Annual Fellow & Resident Summit continues as a highlighted feature this year, now with afternoon hands-on workshops.

This 3½ day event will include cutting-edge lectures, rapid-fire debates, lunch time and dinner symposia, and international perspectives on the latest techniques in arthroplasty, arthroscopy, and rehabilitation of the knee, shoulder, foot and ankle, hip, spine, hand, wrist & elbow.

The AAOS CME-accredited Orthopaedic Summit is a non-profit, 501(c)(3) meeting which allows attendees to build relationships with internationally renowned arthroplasty, sports medicine, and arthroscopic surgeons, fellows, residents, physician assistants, nurse practitioners, physical therapists, and athletic trainers while learning the latest innovative techniques to help your patients.

The Bellagio Hotel is a destination unto itself, along with Las Vegas’ famous nightlife, gambling, restaurants, and unique entertainment options.

We look forward to welcoming you in Las Vegas!

Who Should Attend?
All healthcare practitioners specializing in arthroplasty, arthroscopy and orthopaedic sports medicine including:
- Orthopaedic Surgeons
- Fellows
- Residents
- Physician Assistants
- Nurse Practitioners
- Physical Therapists
- Athletic Trainers
- Occupational Therapists
- Non-Operative Sports Medicine Physicians

Kevin D. Plancher, MD, MPH
Brian D. Busconi, MD
International Honored Professors

Ofer Levy, MD, MCh(Orth), FRCS
Director, Reading Shoulder Unit
Royal Berkshire Hospital
Reading, Berkshire, United Kingdom

Jae Chul Yoo, MD
Department of Orthopaedic Surgery
Samsung Medical Center
Sungkyunkwan University
Seoul, Korea

Distinguished Professors

Jeffrey S. Abrams, MD
Clinical Professor
Seton Hall University
University Medical Center of Princeton
Princeton, New Jersey

Steven P. Arnoczky, DVM
Director, Lab For Comparative Orthopaedic Research
Michigan State University
East Lansing, Michigan

Bernard F. Morrey, MD
Professor of Orthopaedics
University of Texas Health Science Center
Mayo Clinic
Department of Orthopaedics,
San Antonio, Texas

Peter O. Newton, MD
Chief of Pediatric Orthopedics
Clinical Professor
Rady Children’s Hospital, UCSD
San Diego, California

Robert G. Potter, MD
Chairman
Department of Radiology and Imaging
Hospital For Special Surgery
New York, New York

Jeffrey Spivak, MD
Clinical Professor
Department of Orthopaedic Surgery
NYU Langone Health
New York, New York

Knee Sports Co-Chairs

Darren L. Johnson, MD
Professor and Chairman
University of Kentucky School of Medicine
Department of Orthopaedic Surgery
Lexington, Kentucky

David R. McAllister, MD
Professor and Chief
Sports Medicine Service
David Geffen School of Medicine at UCLA
Los Angeles, California

Matthew T. Provencher, MD
Professor of Surgery, USUHS
The Steadman Clinic and Steadman Phillip Research Institute
Vail, Colorado

Knee Arthroplasty Chair

Giles R. Scuderi, MD
Fellowship Director
Adult Knee Reconstruction
Northwell Health Orthopedic Institute
New York, New York

Knee Arthroplasty Vice Chair

Fred D. Cuscheri, MD
Assistant Professor
Donald and Barbara Zucker School of Medicine Hofstra/Northwell Health Orthopedic Institute
New York, New York

Hip Arthroplasty Chair

Matthew S. Hepinstall, MD
Assistant Professor
Lenox Hill Hospital
New York, New York

Hip Preservation Chair

Allston J. Stubbs, MD, MBA
Medical Director Hip Arthroscopy
Associate Professor
Wake Forest School of Medicine

Shoulder Arthroplasty Co-Chairs

Joseph A. Abbood, MD
Associate Professor, Director Shoulder Research
Rothman Institute at Thomas Jefferson University Hospitals
Philadelphia, Pennsylvania

Richard J. Friedman, MD, FRCSI
Professor of Orthopaedics
Medical University of South Carolina
Charleston, South Carolina

Lawrence V. Gulotta, MD
Director of Research
Sports Medicine and Shoulder Hospital For Special Surgery
New York, New York

Patrick St. Pierre, MD
Director, Sports Medicine and Orthopedic Research
Eisenhower Medical Center
Palm Desert, California

Cartilage & Biologics Chair

Thomas M. Deberardino, MD
Professor, Orthopaedic Surgery
Baylor College of Medicine
The San Antonio Orthopedic Group
San Antonio, Texas

Foot & Ankle Co-Chairs

Mark Glazebrook, MSC, MD, PHD
Orthopaedic Surgeon
QE II Health Science Centre Halifax Infirmary
Ortho Division
Halifax, Canada

James W. Stone, MD
Assistant Professor
Orthopaedic Surgery
University of Kentucky School of Medicine
Lexington, Kentucky

Chief Educational Officer

Stephanie C. Pettersson, MPT, PHD
Director of Clinical Research
Orthopaedic Foundation
Stanford, Connecticut

Advanced Practitioner Summit Chair

Charles A. Thigpen, PT, ATC, PHD
Director, Observational Clinical Research
ATI Physical Therapy
Greenville, South Carolina

Trauma Co-Chairs

Lisa K. Cannada, MD
Professor
University of Florida, Jacksonville
Jacksonville, Florida

James A. Goulet, MD
Professor and Chief of Orthopedic Trauma
University of Michigan Hospitals
Ann Arbor, Michigan

Michael D. Mckee, MD, FRCS
Professor of Orthopaedic Surgery
St. Michael’s Hospital and the University of Toronto
Toronto, Ontario, Canada

Spine Co-Chairs

Marc J. Levine, MD
Director Spine Surgery
Program-RWJUH-Hamilton
Rothman Institute/TOG Orthopaedics
Mercerville, New Jersey

Derick W. Moore, MD
Santa Barbara Orthopaedics Associates, Inc.
Santa Barbara, California

Elbow & Wrist Co-Chairs

David S. Ruch, MD
Professor and Chief
Division of Hand Surgery
Duke University Medical Center
Durham, North Carolina

Noah D. Weiss, MD
Santa Barbara Orthopaedics
Weiss Orthopaedics
Sonoma, California

Jeffrey Yao, MD
Associate Professor of Orthopaedic Surgery
Stanford University Medical Center
Menlo Park, California

+240 FACULTY!
Knee Arthroplasty
Michael A. P. Ast, MD
Daniel J. Berry, MD
Michael Bolognesi, MD
Henry Clarke, MD
Michael B. Cross, MD
Fred D. Cusner, MD
David F. Dalury, MD
Philip Davidson, MD
Craig J. Della Valle, MD
Thomas M. DeBerardino, MD
Douglas A. Dennis, MD
David R. Diduch, MD
Steven B. Haas, MD
Stephan M. Howell, MD
William A. Jiranek, MD
Michael A. Kelly, MD
Jason L. Koh, MD
Adolph V. Lombardi, Jr, MD
Keith R. Berend, MD
Daniel J. Berry, MD
Michael Bolognesi, MD
Michael B. Cross, MD
Douglas A. Dennis, MD
Benjamin G. Domb, MD
Thomas P. Gross, MD
Matthew S. Hepinstall, MD
William A. Jiranek, MD
Anil Ranawat, MD
Jose A. Rodriguez, MD
Giles R. Scuderi, MD
Peter K. Sculco, MD
Beth E. Shubin-Stein, MD
Thomas S. Thornhill, MD

Hip Arthroplasty & Preservation
Keith R. Berend, MD
Daniel J. Berry, MD
Michael Bolognesi, MD
Brian D. Busconi, MD
J.W. Thomas Byrd, MD
Darwin Chen, MD
John J. Christoforetti, MD
H. John Cooper, MD
Michael B. Cross, MD
Douglas A. Dennis, MD
Benjamin G. Domb, MD
Thomas P. Gross, MD
Matthew S. Hepinstall, MD
William A. Jiranek, MD
Anil Ranawat, MD
Javad Parvizi, MD
Scott Sporer, MD
Sabrina M. Strickland, MD
Thomas S. Thornhill, MD

Knee Sports & Biologics
Christopher S. Ahmad, MD
Kris J. Alden, MD
Annunziato Amendola, MD
Robert A. Arciero, MD
Asheesh Bedi, MD
Shanmukh Bishai, DO, MS
Kevin F. Bonner, MD
Stephen F. Brockmeier, MD
William Bugbee, MD
Brian D. Busconi, MD
Charles A. Bush-Joseph, MD
Thomas R. Carter, MD
Mark Clatworthy, FRACS
Diane L. Dahn, MD
Thomas M. DeBerardino, MD
David R. Diduch, MD
Gregory S. DiFelice, MD
Gregory C. Fanelli, MD
Jack Farr, MD
Scott C. Faucett, MD
Jeffrey C. Gadsden, MD
Alberto Gobbi, MD
Andreas H. Gomoll, MD
Joanne Halbrecht, MD
Christopher D. Harner, MD
Peter A. Indelicato, MD
Darren L. Johnson, MD
Christopher C. Kaeding, MD
Aaron J. Krych, MD
Robert F. LaPrade, MD
Jovan R. Laskovski, MD
Christian Lattermann, MD
Bruce A. Levy, MD
David R. McAllister, MD
Claude T. Moorman, III, MD
George A. Paletta, Jr., MD
Kevin D. Plancher, MD
Hollis G. Potter, MD
Robert F. LaPrade, MD
Jeffrey C. Gadsden, MD
Mark H. Getelman, MD
Dan Buttman, MD
Laurence D. Higges, MD
Alan M. Hirahara, MD
Spero G. Karas, MD
William Benjamin Kibler, MD
John E. Kuhn, MD
J. Martin Leland III, MD
Ofer Levy, MD
Ian K. Lo, MD
Eric C. McCarty, MD
Peter J. Millett, MD
Anthonio Miniaci, MD
Claude T. Moorman, III, MD
Surena Namdari, MD
George A. Paletta, Jr., MD
Bradford O. Parsons, MD
Hollis G. Potter, MD
Richard K. N. Ryu, MD
Felix H. Savoie, III, MD
Theodore F. Schlegel, MD
Robert T. Tashjian, MD
John M. "JT" Tokish, MD
Nikhil N. Verma, MD
Kevin E. Wilk, PT, DPT, FAPTA
Jae Chul Yoo, MD

Shoulder Arthroplasty & Fractures
Joseph A. Abboud, MD
Don Buford, MD
Christopher R. Chuinard, MD
Mark A. Franklin, MD
Richard J. Friedman, MD
Leesa M. Galatz, MD
Steven Scott Goldberg, MD
Lawrence V. Gulotta, MD
Dan Buttman, MD
Jay D. Keener, MD
Sumant Krishnan, MD
Marc R. Labbe, MD
Frank A. Liporace, MD
Ofer Levy, MD
Mark A. Mighell, MD
Anand Murthi, MD
Bradford O. Parsons, MD
Felix H. Savoie, III, MD
Patrick St. Pierre, MD
Scott P. Steinmann, MD
Robert Z. Tashjian, MD
John M. "JT" Tokish, MD
Kevin E. Wilk, PT, DPT, FAPTA
Thomas W. Wright, MD

Shoulder Sports & Biologics
Joseph A. Abboud, MD
Jeffrey S. Abrams, MD
Christopher S. Ahmad, MD
Asheesh Bedi, MD
James P. Bradley, MD
Stephan F. Brockmeier, MD
Brian J. Cole, MD
Alan S. Curtis, MD

*Invited Faculty
Evolving Technique Update: The Vertical, Oblique Meniscal Repair
Evolving Technique: Meniscal Extrusion & The Role Of Repair Of Meniscocapsular Ligaments: How I Deal With It & Save The Knee
Meniscus Transplantation: Where Are We In 2018
Distinguished Professor Lecture: MRI To Correlate With Ligament & Meniscal Evaluations
Case Presentations With Questions & Answers: The Truth About Meniscal Repairs Versus Meniscectomy - No Hiding - And What To Do For Rehab - Brace Versus No Brace, When To Move

A WHIRLWIND TOUR OF PCL, COMPLEX KNEE MULTIiligament
21-Year-Old Football Lineman With An Isolated PCL Tear: When Repair/Reconstruct, What Has Changed For Me
Evolving Technique Update: The Anthropic All-Inside PCL Reconstruction: Always Works For Me
Evolving Technique Update: The Anthropic Achilles Allograft For PCL Reconstruction - Not Changing!
Evolving Technique Update: MCL Repair With The InternalBrace
Complications To Avoid In The Dislocated Knee

KNEE DISLOCATION SYMPOSIUM – FRIDAY SEE TRAUMA SECTION

BILOGICS, CELLS & THE NEW FRONTIER
Evolving Technique Update: A 14-Year-Old Boy Playing Flag Football, Sudden Pain - Oop! It’s An OCD, What To Do
Evolving Technique Update: The Patellofemoral Cartilage Lesion: Don’t Give Up, It Is Tough, I Have Answers - 5 Tips, 5 Minutes
Evolving Technique Update: Accelerated Return To Sport After Osteochondral Autograft Plug Transfer - Watch Me
The Failed Cartilage Procedure: My Algorithm For Success
The Young Babies On The Block: Amniotic Tissue, New Engineering & Injectables
Evolving Technique: Small Molecule Inhibitor Of The Wnt Pathway (SOM4690) A Potential Disease-Modifying Treatment For Knee Osteoarthritis
Debate: 45-Year-Old Rock Climber With Mild To Moderate Medial Compartment Osteoarthritis
Pro: PRP In Cartilage Repair & Early OA - You Should Use It & Why!
Pro: Morselized, Cryopreserved Allograft Amniotic Tissue BioDefactor - Come On, It’s Great!
Dehydrated Human Amnion/Chorion Membrane (dHACM) Allograft Is Solving So Many Problems In My Osteoarthritic Patients - Listen Up!
Evolving Technique Update: Did You Forget Me? The Role Of Hyaluronic Acid: What To Do?
Evolving Technique: Forget All These Cartilage Procedures: Triamcinolone Acetonide Extended Release - A Microsphere Technology Is The Answer
Case Panel: Ladies & Gentleman Place Your Bets: A Novel Cartilage Game To Pick The Right Procedure

THAT DARN THUMB
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
Pro: LRTI Is The Only Way It Has Survived The Test Of Time - Don’t Be Stupid
Pro: LRTI’s Are Brutal: Move Over, I’ll Show You What’s New In 2018 - You Will Change Today
Pro: Removing The Trapezium, I Have Done It That Way For Years, Get Out Of Dodge - Let Me Show You The Results
Honored Professor Thoughts

THE ACHING WRIST
Debate: The Scapholunate Ligament Rears Its Ugly Head: Chronic, Reducible In A 40-Year-Old Vascular Surgeon
Pro: A Simple Way To Reconstruct With New Technology - Watch Me!
Pro: Too Late, Salvage Procedure Is The Only Way To Predict No More Pain
Debate: The 30-Year-Old Snowboarder’s Wrist Still Hurts: It Is June And He Was Afraid To Tell His Doctor
Pro: Proximal Pole Scaphoid Nonunion: Vascularized Bone Graft Is The Only Way To Go
Pro: Screw It! No Vascularized Graft, I Can Make It Heal - Watch Me!
panel: 66-year-old pianist falls on her outstretched wrist while cycling
pro: a volar plate is needed every time - restore her youth
pro: the volar plate is not always the answer! it can get you into trouble
pro: arif not orif: i love to text and use initials - it is happening fast
pro: slow down boys, you better get the 3d ct and plan carefully then make a decision
pro: wrong all of you, read the literature - nonop treatment will work just fine

honored professor commentary
case presentations with questions & answers: distal radius fractures - all types, quick answers to solve problems in the middle of the night

the arthritic wrist
panel: a 37-year-old former olympic volleyball athlete with slac wrist and pain: 20 degrees of wrist flexion with normal extension
pro: arthroscopic proximal row carpectomy: tips and tricks
pro: open proximal row carpectomy: tips and tricks
pro: stop the nonsense, 4 corner arthrodesis with new technology to ensure fusion
distinguished professor lecture: utilizing the mri in wrist surgery for decision making
honored professor commentary

dupuytren's & the hand
evolving technique: percutaneous trigger finger release under ultrasound guidance is now my standard of care
panel: dupuytren's disease in 2018
pro: percutaneous fasciectomy is not dangerous and works: when and how to do it safely
pro: don't be nuts: open fasciectomy has been and is the gold standard
pro: stop sleeping: collagenase clostridium histolyticum is the only way to treat patients in my office in 2018
pro: recurrent dupuytren's after in office injections: what i do next

the giants teach us
mini honored professor lecture: metacarpal and phalangeal fractures: what is new how i get motion - a whirlwind tour
honored professor lecture: innovation versus tried and true: what i have learned about the wrist over the years

the wrist & hand in 2018
common tendinopathies of the wrist and hand
debate: 42-year-old mechanic fell arthroscopic debridement of the wrist with pain and limited motion - what i do now
pro: wrist fusion and back to work
pro: wrist arthroplasty and my results
evolving technique: arthroscopic management of distal radius fractures: gets better and better and better
case presentations: a potpourri update in wrist and hand issues

panel: 55-year-old machinist 15 years after orif of a distal tibia fracture now with end stage ankle arthritis
pro: open arthrodesis is the way to go, retirement is only 10 years away
pro: arthroscopic arthrodesis: less is better
pro: slow down old men, total ankle arthroplasty is a much better answer & functional outcome
total ankle arthroplasty: evolution of the technique - where we have been & where we are going
mini-honored professor's thoughts: ankle arthroplasty in the morbidly obese patient
case presentations with questions & answers: complications in ankle arthroplasty, the failed total ankle replacement: now what - a case

achilles tendon rupture

evolving technique update: acute achilles ruptures: who needs an operation & who doesn't - 5 minutes, 5 thoughts
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
pro: acute, open repair achilles rupture: the gold standard
pro: minimally invasive techniques: how many years do i need to tell you, better results, fewer complications - get on board!
pro: stop! read the literature: canada knows best - nonoperative functional treatment yields better results
honored professor's commentary: neglected achilles tendon rupture: how to bridge the gap in a 5-cm injury

ankle instability

debate: 17-year-old ice skater with a first time dislocation
pro: this needs to be immobilized, crutches, rigid boot, call me in 4 weeks to avoid lifelong problems
pro: are you kidding??? move this in 5 days, no crutches - i have the answers
panel: 29-year-old professional soccer player with recurrent lateral ankle sprains
pro: brostrom repair: a proven track record for getting this patient back on the field
pro: arthroscopic repair: quicker rehabilitation with equal results
pro: minimally invasive reconstruction: a more stable construct
pro: internal brace: wake up it's 2018: fast rehab, strongest repair
commentary & summary
sports medicine perspective on getting athletes return to sport after chronic ankle instability

peroneal tendon pathology

panel: 54-year-old former baseball pitcher with recurrent lateral ankle snapping & sensation giving pain & giving way
pro: repair the tendon sheath without any bone osteotomy
pro: this is a chronic problem: you have to be aggressive to prevent recurrence: open fibular groove deepening please
you are all wrong: debride & stabilize with a fibular osteotomy - i don't want a recurrence!
posterior impingement

posterior impingement: sounds boring, what is it, why bother, how i diagnose
debate: 16-year-old classical dancer with posterior ankle pain & bony edema
pro: fix her ankle open, small incision, good bye os trigonum, quick recovery
pro: arthroscopy for better visualization, treats all the hidden pathology besides the obvious
case presentations with questions & answers: the achilles tendon, ankle instability & posterior pathology

aofas presidents innovative & challenging cases: up close & personal

thursday december 6, 2018
general session: knee arthroplasty

the new reality: 2018, bundle busters - how i best handle them
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
panel: four red flags that make you stop and think - what you should do
pro: diabetes: my patient's hgb a1c is 8.6 but trying to get it under control
pro: habitual smoker: why should i stop, i love my camel cigarettes, i'm 82-years-old & i am healthier than you
pro: the dvt: what's the big deal? i am a 47-year-old overweight woman & my doc knows i have had red, swollen legs for years
pro: rehab facility: i'm 87-years-old, live alone, & have 3 flights of stairs - you are not making me go home, sonny!
avoidable complications & saving the readmission
evolving technique update: the anemic patient with a low prep hematocrit: how i use tranexamic acid & other modalities that helps the patient and the hospital
evolving technique update: the frail rheumatoid arthritic patient: what my dressing postop will be - wound vac or new razzle, dazzle
evolving technique update: antibiotics, intraop lavage & postop formulas & my rules: how i attempt to reduce surgical site infections
evolving technique: dvp 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 & a readmission

complications following total knee arthroplasty

evolving technique update: 51-year-old tennis player 6 weeks after surgery working with his therapist & the knee won't bend
evolving technique update: 78-year-old female, heard a crack around her thigh 1 year after her total knee replacement - my treatment algorithm
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

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 5 am

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
debate: 63-year-old avid golfer now for her first knee replacement
pro: time for the cruciate retaining knee, it is the right one & when i use it
pro: cruciate sacrificing guarantees you the result: let me show you how to do it old man
evolving technique: bi-cruciate sparing total knee replacement
postoperative knee pain: i can't believe it is one of those in the 19% failure rate - my algorithm how to try to avoid
distinguished professor lecture: the utility of mri in helping diagnose the painful total knee arthroplasty
case presentations with questions & answers
NEW TECHNOLOGY THAT MAY LEAD TO OUTPATIENT TOTAL KNEE REPLACEMENT 2018
Panel: 58-Year-Old Avid Runner, Now For Her First Total Knee Replacement - Has Read The Internet Thoroughly
Pro: Precise Alignment Technology In Your Hand, Gets It Done
Pro: 3D Computer Navigation Imaging Is The Answer
Pro: Sensor-Assisted Technology Improves Patient Outcomes & Satisfaction
Pro: CT-Free Handheld, Robotic-Assisted Total Knee Replacement
Pro: CT-Guided, Robotic Arm-Assisted Total Knee Arthroplasty
Honored Professor Lecture
Evolving Technique Update: Acetaminophen Injection For Postoperative Pain Can Make A Difference In Your Patient Satisfaction

LIVE SURGERY
MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY
CRAIG DELLA VALLE, MD

THE DUELS BEGIN: MY FRIEND, YOU ARE WRONG, DON'T CONFUSE STAGE PRESENCE VERSUS CLINICAL PRACTICE - THE GLOVES ARE OFF
Debate: Alignment In 2018
Pro: Mechanical Alignment: It Has Been Around For Years
Pro: Kinematic Alignment: Leave Them Where They Are, You Are Not Listening!
Debate: Same Day Total Knee Replacement Versus The Classic
Pro: I've Been Doing It For Years! My Patients Love It!
Pro: Are You Crazy?!?! My Patients Are Well Cared For
Debate: 71-Year-Old 3 Months Total Knee Arthroplasty With Drainage From The Wound
Pro: Single Stage Exchange Can Work Nicely if You Know The Rules
Pro: The Two Stage, Standard Technique Keeps You Out Of Trouble & Out Of Corners
Evolution Technique Update: 71-Year-Old Former Marathoner With 15 Degrees Valgus - The Winning Checklist

REVOLUTIONARY TOTAL KNEE ARTHROPLASTY
Panel: 7 Minutes Each, Tips & Tricks For These Difficult Cases
Pro: Managing Bone Defects: Cones, Bone Grafts - I Will Give You The Answer For Revision TKR
Pro: When To Go More Constrained - My Guidelines For Revision TKR
Pro: Oral Antibiotics Following Two Stage Exchange - Check List
Case Presentations With Questions & Answers: Challenges In Difficult Primary & Revision Knee Arthroplasty

THE ART & SCIENCE OF UNICOMONDYRAL KNEE ARTHROPLASTY
Panel: So Many Choices: How Do I Do My Medial UKA
Pro: Medial UKA: Smart Instruments Make It Easy - Handheld Robotic Assisted
Pro: PSI: Means Personalized Medial Unicondyral Knee For Perfection
Pro: Mobile UKA Trumps Fixed-Bearing UKA Every Time
Evolution Technique: Lateral UKA Makes The Difference In Young Patients With Return To Sports

THE PATELLOFEMORAL JOINT
Panel: My Knee Hurts In The Middle & Dislocated When I Was Younger
Pro: Anterior Knee Pain & Patellar Instability: How To Diagnose & Solve
Pro: The trochleoplasty In The United States: It's Coming Slowly

Pro: MPFL Reconstruction: Tips & Tricks For Successful Outcomes
Pro: MPFL Complications
Evolution Technique: 38-Year-Old Firefighter With Pain Unable To Climb Up Ladders & Unable To Work: Patellofemoral Arthroplasty Is The Solution

THE OSTEOLOGY: WE NEED TO GET BETTER - EUROPE & THE REST OF THE WORLD ARE SCREAMING AT US
Understanding The Osteotomy: Let Me Calm You Down How To Avoid Any Complications With HTO: Not So Hard
Evolution Technique Update: 5 Tips In 5 Minutes, My Technique For An HTO
The Distal Femoral Osteotomy In A 31-Year-Old Female Runner

THE TOTAL KNEE CONVERSIONS: IT IS NOT RELIGION
Evolution Technique: Converting The UKA To A Total Knee: When, How - Tips & Tricks
Evolution Technique: Converting The PFJ To A Total Knee: When, How - Tips & Tricks
Evolution Technique: Converting The Osteotomy To A Total Knee: When, How - Tips & Tricks
Case Presentations With Questions & Answers: Practical Solutions For The Patellofemoral Joint, Conversions & Understanding The Osteotomy

Thursday, December 9, 2018
AM Concurrent Session - Elbow & Wrist

THE ELBOW FROM TENDON, LIGAMENT, MUSCLE, BONE & NERVE IN 5 HOURS
Panel: A 50-year-old Right-Hand Dominant Construction Worker With Osteoarthritis Of Right Elbow Pain
Pro: Stem Cells And Growth Factors 2018: Time To Get On Board!
Pro: No Razzle Dazzle, Time For The Percutaneous Ultrasound Tenotomy
Pro: Solving The Problem: 20 Years Of The Anconeus Flap - You're Not Listening
Pro: Radial Tunnel Is Real & You Are Missing It: I Know The Rules
Pro: Leave It Alone! Why Treat What's Going To Get Better Anyway
Panel: A 37-Year-Old Cross Fit Athlete Lifting Weights Notices A Proximal Popeye Muscle In His Dominant Arm For 8 Weeks, Now Is Worried
Pro: I Fix This No Problem: Single Incision, Let Me Show You How
Pro: The Two Incision Technique, It's Mayo All The Way, No HO!
Pro: You Need To Graft Every Time To Get Him Back To Competition, Let Me Show You The Way
Pro: It Has All Wrong, The Literature Says It Doesn’t Matter, He Isn’t Losing Strength, Let Him Compete And Win!
Evolution Technique: The Distal Biceps: What I Have Learned And Avoiding Complications In 784 Repairs
Panel: A 17-Year-Old Baseball Pitcher Heard A Pop In His Throwing Arm At The Elbow
Pro: Repairing The Ligament, Back To The Humerus Is The Way To Go, No Augmentation
Pro: The Internal Brace Is Ready For Prime Time!
Pro: Are You Kidding?!? Conservative Treatment Does Fine
Debate: A 15-Year-Old Female Gymnast With A Pop After Months Of Pain In Her Elbow When Falling To Land After A Vault
Pro: It's Simple, Scope, Debride, Treat With Microfracture: I Have The Results!
Pro: OMG! It Is 2018, Wake Up Southern Man, You Need Osteochondral Plugs To Save Her Elbow: Let Me Show You How
Case Presentations With Questions & Answers: Complications Of Tenodesis Elbow, Biceps Ruptures MCL, Tears, & The Lateral Collateral Ligament

Thursday, December 6, 2018
PM Concurrent Session - Foot & Ankle

OSTEochondral LESIONS OF THE TALAR DOME
Panel: 19-Year-Old Basketball Phenom With A Divotiory In The Knee & Ankle Surgeons
Pro: Debride & Base Stimulation: I Am Old But It Works!
Pro: Osteochondral Autograft: Let Me Show You Why
Pro: The Role Of Biologics: Stem Cells, Growth Factors, Injections
Commentary: The Osteochondral Lesion Consensus Meeting Update - Summary In 5 Minutes

INNOVATION IN FOOT & ANKLE SURGERY: THE HONORED PROFESSORS’ THOUGHTS
Evolution Technique: Weightbearing CT Scans For Foot & Ankle Surgeons
Evolution Technique: The Role Of Bone Stimulation: Any Science?
Thursday, December 6, 2018
AM Concurrent Session - Advanced Practitioner

ANTERIOR CRUCIATE LIGAMENT
What’s My Risk Of Sustaining An ACL Injury While Playing Football (Soccer)?

Evolving Technique: The Effect Of Creatine Supplementation On Strength Recovery After Anterior Cruciate Ligament Reconstruction

Panel: 18-Year-Old Female Lacrosse Player With Ligamentous Laxity, Why She Is At Risk For An ACL Tear
Pro: I Know The Answer, I Have Done The Research For At Risk ACL Patients
Pro: I Have Done The Research, I Know The Dogma, & I Know How To Prevent ACL Tears
Pro: You Are Both Wrong, I Know Why ACLs Rupture, Let Me Speak
Non-Operative Treatment For The ACL Coper: The Role Of Training, When I Use A Brace - Let Me Give You My 10 Secrets
Guest Surgeon Panel: ACL Repair Versus Reconstruction - Back To The Future
Pro: ACL Repair Is The New Wave With An Internal Brace
Pro: ACL Repair Without An Internal Brace Is The Right Answer
Pro: I Am In The Room With Crazy People: ACLR Is Anatomic, It Works, Don’t Forget
The All Inside Short Graft With A Quadrant Tendon: Who I Do It On & Its Implications For A Better Outcome

Debate: Can We Get Consensus: Return To Sport Following ACLR We Need To Teach The Surgeons
Pro: Objective Sport Test Criteria: Let Me Show You Ours
Early Rehab Is The Key To Success For ACLR
Factors Associated With Psychological Readiness To Return To Sport After Anterior Cruciate Ligament Reconstruction Surgery

Case Presentations With Questions & Answers: ACL Repair, Reconstruction and Rehab

HIP SESSION
Chicken Or The Egg: Differential Diagnosis Of Hip Versus Core Muscle Injury

Debate: CAM Morphology: Pathology Or Adaptation
Pro: It’s Normal Adaptation, FAI Is Non-Surgical
Pro: FAI Is Pathology That Must Be Fixed
Treatment And Return To Sport Progression For Core Muscle Injuries
Evolving Technique: Diagnosis And Treatment Of Lateral Hip Pain


Evolving Technique: Postoperative Rehab Following FAL And Labral Reconstruction For Hockey And Soccer Athletes
Hip Labral Reconstruction: My Specific Rehab Program - 10 Tips, 10 Minutes
New InjectableS From Orthobiologics To Steroids In 5 Minutes
Rehabilitation following Regenerative Injections For The Knee And Hip

Case Presentations With Questions & Answers: Current Theory Of Hip Arthroscopy & Rehab

Friday, December 7, 2018
General Session - Shoulder Arthroplasty And Shoulder Arthroscopy & Sports Medicine

PROXIMAL HUMERUS FRACTURES
Evolving Technique Update: Proximal Humerus Tuberosity Healing With A Hemi: 5 Tips, 5 Minutes - It’s Not So Confusing
Evolving Technique Update: Physical Therapy Considerations For The Nonop Treated Proximal Humerus Fracture

Panel: 47-Year-Old Road Warrior Cyclist With A 3 1/2 Part Proximal Humerus Fracture: My Way!
Pro: ORIF With Locking Plate - We Learned It In Residency
Pro: ORIF With The Newest IM Nail
Pro: The Cage: It Makes Sense, New Kid On The Block, Try It! You Will Never Go Back
Pro: Stop Fooling Around, Do The Reverse, You Are All Insane - I Get The Results
Commentary: My Perspective As A Trauma Surgeon
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!
Case Presentations With Questions & Answers: Proximal Humerus Fractures

TOTAL SHOULDER ARTHROPLASTY
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
Evolving Technique: Pre-Op Planning For The TSA Patient, Why I Do It And You Should As Well
Evolving Technique Update: Humeral Exposure Is The Key To Glenoid Exposure: Say What?
The Anatomical Total Shoulder: So Many Choices - What I Do To Get The Results!
Evolving Technique Update: Chamfer Cuts Around The Shoulder, What? Tell Me More
The Infected Shoulder Arthroplasty (Stemmed & Stemless): The Role Of Antibiotic Spacers
Debate: The Role Of Physical Therapy For Patients With Total Shoulder Arthroplasty
Pro: The Therapist Is King & Queen: It Is True, Tried And Gets Results
Pro: The Patient Is The King & Queen Of The Party: Don’t Waste Money - Home Therapy Every Time
Panel: How I Manage The Biconcave Glenoid In 65-Year-Old Rock Climber
Pro: Eccentric Reaming Is Enough For Me: Keep It Simple
Pro: Bone Grafting Is The Only Way To Get Success
Pro: Augmented Glenoids Are Here Now! Wake Up Old Guys
Evolving Technique Update: Subscapular Sparing TSA: Good-Bye Sling?
Humeral Resurfacing: Slow To Be Accepted In The US, Is It Time To Jump On Board And When?
International Honored Professor Lecture: Total Shoulder Arthroplasty: Stemless And Resurfacing - What It Is And Why It’s Better

REVERSE SHOULDER ARTHROPLASTY
LIVE SURGERY

The Irreparable Rotator Cuff Tear: My Option - Superior Capsular Reconstruction: The Perfect Indications And How I Failed Early On
The Irreparable Rotator Cuff Tear: My Option - The Role Of The Balloon Arthroplasty In Practice
Debate: The 70-Year-Old Soccer Grandma With Grade IV Osteoarthritis, No Rheumatoid, & A Thin Cuff
Pro: Total Shoulder Arthroplasty Is Still The Standard Of Care
Pro: Reverse Shoulder Arthroplasty Is The Right Answer!
Evolving Technique Update: The Revision Reverse Shoulder Arthroplasty: How I Do It And My Results!
Evolving Technique: How I Revise A Total Shoulder To A Reverse Shoulder Arthroplasty, 7 Minutes - Hold On To Your Seats
Evolving Technique Update: How I Deal With The Unstable Reverse
Case Presentations With Questions & Answers: Reverse Shoulder Arthroplasty
Evolving Technique: Want Answers To Scapula Pain?

International Honored Professor Lecture

Anterior Mini Honored Professor Lecture: My Approach To

Pro: Fix It Now, Don’t Wait!

Pro: The Arthroscopic Latarjet Is Not Dead

Pro: Iliac Crest Bone Graft

Pro: The Distal Tibial Allograft: New Devices Make It

Evolving Technique Update: I Have The Rehab Program

Pro: Wait! Fix It At The End Of The Season

Case Presentations With Questions & Answers:

Arthroscopic Glenoidplasty And

21-Year-Old Offensive Lineman

Evolving Technique:

35-Year-Old Electrician With One

WITH OA

A Biceps Tear - Level V Evidence, I Have Experience

What We Need To Say To Patients With

Possible

Rehab, Rehab, Rehab - The Bundle Is Coming To

Your Neighborhood - How To Optimize & Coordinate

YOUR LOCAL TEAM, WHY I DO IT, & HOW TO AVOID COMPLICATIONS

ANTERIOR APPROACH TOTAL HIP ARTHROPLASTY BENJAMIN DOMB, MD

LIVE SURGERY

HIP ARTHROPLASTY, DOING IT RIGHT: UPDATE 2018

Evolving Technique: Arthroplasty Templating: How I Do It, Why I Do It, How It Makes A Difference - It’s A Must!

Panel: 55-Year-Old Triathlete Needing His First Hip

Pro: I Have Always Done Ceramic On Ceramic

Pro: Dual Mobility Gives Stability: I Need All Of You To Jump On Board!

Pro: Hip Resurfacing Is The Ideal First Choice: What Is Wrong With You All? - I Have 20 Years Experience

Honored Professor Commentary: What I Would Do

Evolving Technique: Opiate Sparing, Outpatient Hip Arthroplasty

Debate: 69-Year-Old Former Professional Tango Dancer Requesting Anterior Total Hip Replacement

Pro: Set Up On The Table: Fewer Releases, Fewer Assistants, Better Results - Don’t Worry!

Pro: Are You Crazy?!? Off The Table, Control Leg Length & Stability And No Ankle Fractures!

Surgical Approaches For Total Hip Arthroplasty: Is It All Hype - What Is The Difference Between Posterior & Anterior

Evolving Technique: Hip Infections: 7 Minutes That Will Save You & Your Patients A Lifetime Of Problems - Listen Closely

Case Presentations With Questions & Answers: The Anterior & Posterior Hip Battle With The Pros

Complications & Why I Worry About Total Hip Replacement

Metallosis, Trunnionosis & Pseudotumors: Basic Science, Diagnosis And Treatment - When Will It Stop

The Periprosthetic Fracture: So Many Types But So Simple, Let Me Solve It For You

The Recalled Total Hip: My Advice From Life Experience

Removal Of The Well-Fixed (Recalled Or Infected) Femoral Stem

RECONSTRUCTING BONE LOSs

Modular Reconstruction Of Femoral Bone Loss

Monoblock Reconstruction Of Femoral Bone Loss

Reconstruction Of The Deficient Pelvis: Even My Fathers Can Plate The Posterior Column

I Can Fix A Deficient Pelvis From The Front: Why Can’t You

Honored Professor Lecture

Distinguished Professor Lecture: Imaging Of Failed Arthroplasty: Techniques To Help Make Your Diagnosis & Operative Plan

Case Presentations With Questions & Answers: Complications In Total Hip Arthroplasty

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

Pro: The Robotic Total Hip Arthroplasty

Pro: Navigation Is The Way To Go!

Pro: The Pen Marker And The Lightbox Makes It Happen!

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

Evolving Technique: Arthroplasty In My Elite Athletes: What I Do, Do It Different For The Weekend Warrior Good As New

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

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

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

It Is Not Always The Hip, Watch Out For Back Disease - My Algorithm To Not Make Mistakes With The Hip And Back!

Debate: 55-Year-Old Asks About Primary Femoral Fixation

Pro: Patient Specific Stem Selection Is The Key

Pro: Primary Femoral Fixation: Do It The Same Way Every Time - Why Are We Talking About This

Total Hip Arthroplasty For Revision For Recurrent Dislocation And Understanding The Safe Zone

Panel: Keeping The Bone, Preservation Is Key For Primary Hip Arthroplasty

Pro: Hip Resurfacings In The Young Athlete With Arthritis - Ignore The Nayayers

Pro: Short Stems Are The Answer In 2018 - Wake Up!

Pro: Stop Dreaming, Prevent Loosening - Use Standard Length Cementless Stems

Pro: Avoid The Early Failure! Preserve Bone: I Use Standard Length Cemented Stems - You Are All Wrong!

Evolving Technique Update: Achieving Leg Lengths By Using The Soft Tissue - 5 Tips, 5 Minutes

Debate: The Metal-On-Metal Debate Is Surgeon Related Not The Bearing

Pro: I Have Confidence In Metal-On-Metal Bearings - Surgical Judgement And Skill Are Paramount

Pro: I Have No Confidence In Metal-On-Metal Bearings - It Doesn’t Matter Who You Are

Distinguished Professor Lecture: MRI Correlations In Hip Arthroplasty & Preservation

HYPOTHESIS & PREPARATION: STILL ALIVE, A WHIRLWIND TOUR

Evolving Technique Update: Setting Expectations in Hip Arthroscopy: Delivering What You Promised

Evolving Technique Update: Hyaline Cartilage Allografting Of The Hip Joint

Evolving Technique Update: 5 Essential Steps In 5 Minutes, Perfecting CAM Resection

Mini-Debate: 27-Year-Old Tennis Player With A 1.5cm Full Thickness Acetabular Defect

Pro: Microfracture Works Every Time

Pro: It’s A Pothole You Need To Fill: Hyaline Cartilage Transplantation Works Every Time!

Mini-Debate: Acetabular Labral Reconstruction In A 26-Year-Old Female Field Hockey Player

Pro: A Great Primary Procedure For Labral Insufficiency

Pro: Labral Reconstruction Is Unnecessary & No Evidence To Support Primary Reconstruction

Evolving Technique Update: Pulling The Trigger When To Scope & When To Osteotomize The Dysplastic Hip: 5 Pearls, 5 Minutes

Mini-Debate: Hip Impingement Or Sports Hernia In A 37-Year-Old Rock Climber

Pro: It’s Athletic Pubalgia

Pro: It’s All About Femoral Acetabular Impingement

Case Presentations With Questions & Answers

THE ELBOW WITH COMMON RADIAL HEAD FRACTURES

Panel: 56-Year-Old Walking In The Forest, Falls And Has A Comminuted, Closed Radial Head Fracture

Pro: I Fix My Radial Heads, It Is So Important - Let Me Show You All My Tricks In 7 Minutes

Pro: Don’t Believe My Colleague - Throw It Out, Don’t Lose All The Motion

Pro: The Radial Head Implant Solves So Many Problems, You Need Stability And I Can Make It Work!

Honored Professor Commentary
CLAVICLE FRACTURES: THE GLOVES COME OFF!
Panel: 27-Year-Old Falls Over His Handlebars While Cycling In The Pyrenees
Pro: I Am Fixing The Midshaft Clavicle Fracture Because Of That Vertical Piece: Don't Make The Mistake, This Is High Energy!
Pro: I Use The Nail To Fix My Clavicles, Why Are You Plating??
Pro: Don't Be Silly, Nonoperative Treatment Works Just Fine - These Are My Guidelines
Mini-Debate: 17-Year-Old Lacrosse Player With A Comminuted Proximal To Mid-third Closed Clavicle Fracture
Pro: I Know The Advantage Of Plating Superior
Pro: Let Me Teach You The Advantage Of Anterior And Inferior Plating - Don'T Do Old Stuff
NonUnions Of The Clavicle: Let Me Show You How To Avoid This - 8 Steps In 8 Minutes
Honored Professor Lecture
THE DREADED KNEE DISLOCATION
Panel: 43-Year-Old Fisherman Who Slips On The Dock After The Big Catch
Pro: How I Analyze The Knee Dislocation, When To Transfer, When I Surgically Repair: My Algorithm For Success Long-Term
Pro: The Role Of The External Fixator In Knee Dislocations: Why I Use It And For How Long
Pro: There Is No Role For The Ex Fox: Understanding Knee Dislocations And How I Stabilize Repair
Honored Professor Lecture: Complications Of Knee Dislocations: What I Have Seen Through The Years And How You Can Change It
UNDERSTANDING TRAUMA & FRACTURES
Hot Topics In Fracture Fixation: Number Of Screws Matters, Plate Length Matters, Stainless Steel Or Titanium Matters - What You Need To Know In 2018
THE LOW ENERGY ACETABULAR FRACTURE
Debate: 65-Year-Old Tennis Player Falls And Sustains A Posterior Wall Acetabular Fracture
Pro: I Know How To Fix It: It Is The Same Approach For A Hip Fracture
Pro: Slow Down! I Will Tell You Why He Will Be Ok And Please Don'T Fix It
Honored Professor Lecture: Years Of Trauma In The Lower Extremity And What I Have Learned Through Good And Bad Times
NAILS, NAILS, NAILS
Evolving Technique Update: Complications With Short Nails: Avoiding Hip Fracture Failure
Evolving Technique Update: Complications With Long Nails: Avoiding Hip Fracture Failure
Evolving Technique Update: OMG! The Femoral Head Crumbled - How To Avoid Hip Fracture Failure
TIBIAL PLATEAU FRACTURE: AROUND THE WORLD
Evolving Technique Update: I Fix My Tibial Plateaus In The Prone Position
Panel: 17-Year-Old Equestrian Falls Off The Horse With A Comminuted Tibial Plateau Fracture
Pro: How I Plate The Tibial Plateau
Pro: How I Use The CT Scan And Arthroscopically Assist To Fix My Tibial Plateaus
Pro: When I Weight Bear And What My Rehab Program Is After Tibial Plateau Fractures
Debate: 49-Year-Old Kite Surfer Goes Up In The Air But Never Comes Down Safe: Has A Schatter IV
Pro: The Lateral Plate Is All You Need To Fix The Fracture
Pro: I Don'T Know What You Are Thinking, You Need To Add A Medial Plate In Addition To The Lateral Plate
Mind Over Matter: The Psychological Aspects Of Fracture Care
Evolving Technique Update: The Tibialtalocalcaneal Nail As Primary Fixation For Filon Fractures
Case Presentations, Wrap Up With Questions & Answers

LUMBAR SPINE
Panel: 64-Year-Old Status Post L4-S1 Decompression And Fusion With Juncional Stenosis L3-L4
Pro: Exilf And Here Is How I Do It
Pro: Open Decompression Without Fusion
Pro: Open Decompression And Extended Instrumented Fusion With Technology Options
Panel: 44-Year-Old With L5-S1 With Spondylosis And Grade 1 Spondylolisthesis
Pro: L5-S1 ALIF/OLIF With Or Without Posterior Instrumentation
Pro: Open L5-S1 Decompression And Fusion
Pro: L5-S1 MIS TLF/PSF
Pro: Reducing A Grade II Or More L5-S1 Spondylolisthesis: Open Posterior
Case Presentations With Questions & Answers: Spondylolisthesis And Other Topics
PAIN MANAGEMENT
Update On Opioid Prescribing And Alternatives
Spinal Cord Stimulators: Where Are We Today?
The Myriad Of Injections To Help The Spine Patient
Lumbar Disc Herniations & Pain Management
28-Year-Old 6 Weeks Sciatica: Needs A Lumbar Disectomy - Tips Of The Trade
Honored Professor Lecture: Si Joint Pain: Where Are We Today?
NEW AND OLD TECHNOLOGY
Debate: 64-Year-Old Two Level Instability, Now Needing A Fusion
Pro: BMP For Spine Fusion Is Safety Still A Concern
Pro: BMP For Spine Fusion Is It Worth The Price
UPDATE ON SPINE TRAUMA
Ondotoid Fractures: When I Operate, When I Brace: How And Who
The Options To Treat Acute Central Cord Syndrome
What I Do To Treat Discitis/Osteomyelitis, Acess Or Pyhomon
Thoracolumbar Burt Fractures, Neurological Intact - Now What I Do
NONOPERATIVE MANAGEMENT OF THE SPINE
The Economics Of Nonoperative Management For The Surgeon
74-Year-Old With A Lumbar Fracture And Pain: Oh Should I Operate Or No Surgery
Distinguished Professor Lecture: Vertebroplasty And Options
Friday, December 7, 2018
PM Concurrent Session Session - Spine
Friday, December 7, 2018
AM Concurrent Session - Advanced Practitioner

DISPELLING MYTHS OF THROWING SHOULDER
Weighted Balls Performance Enhancer Or Arm Killer?
Debate: GIRD: What Do We Really Know - The Surgeon Versus The Therapist
Pro: It Is A Myth: Consider The Facts
Pro: It Is Real And Must Be Treated
Pitching Mechanics In 2018: What Are The Important Factors? What I Look For
The Kinetic Chain In Overhead Athletes: My 5 Most Important Factors To Produce The High End Athlete
Feature Lecture: New Technology: Wearables In Pitchers: Monitoring Load To Optimize Performance
Why Do People Have Shoulder Pain: From Mechanics To Genetics
Guest Surgeon Lecture: When I Hold Off, When I Repair The Rotator Cuff Tear In Throwers
Evolving Technique: The Things I Want My Rehabilitation Team To Know Following Rotator Cuff Repair: 7 Tips, 7 Minutes
I Fixed The Cuff But My Patient Is Stiff!: What Happened?
What I Need To Know From The Surgeon
Returning The Overhead Athlete Following Rotator Cuff Repair: My Little Secrets
Key Rehabilitation Points Following Reverse Shoulder Arthroplasty And Superior Capsular Reconstruction
Anterior Strikes: The Rotator Cuff Is Fixed When I Use Regenerative Injections And How I Rehab Them
Case Presentations With Questions & Answers
SHOULDER INSTABILITY: ANTERIOR, POSTERIOR & MDI
Panel: Shoulder Instability: Please Give Me The Answers!
Pro: Indications For Surgery In Shoulder Instability
Pro: Why Not Treat Shoulder Instability Non-Operatively
Pro: Performance On The Field After Non-Op Versus Surgery For Shoulder Instability: Does It Make A Difference?
Guest Surgeon Lecture: OMG Where Did The Bone Go And My Shoulder Is Unstable
Matching Rehabilitation To Match The Surgery: My Differences In Rehab For Laterjet, Open Or Arthroscopic Bankart Repairs
Strategies For Successful Transition from Rehabilitation To Sports Performance: A Quantum Jump!
Blood Flow Restriction: Emerging Science To Optimize Rehabilitation Muscle Development In 2018
Forget The Tricks: Teaching To Do The Patient To Do The Exercises: The Home Course
7 Keys To Integration Of Emerging Techniques With Best Practices: From Needling To Cupping And In Between
Evolving Technique: Treat My Professional Athletes: How The Elite Can Return To Sport
Case Presentations With Questions & Answers: Challenges In Return To Sport For The Shoulder
Saturday December 8, 2018
General Session
Shoulder Arthroscopy & Sports Medicine Part II
PRP, BIOLOGICS, AND THE FUTURE OF SHOULDER SURGERY: FACTS, FICTION, HELPING OUR PATIENTS: WHAT WE KNOW
Evolving Technique: Update On Stem Cells And Growth Factors 2018
Evolving Technique Update: Lipogems Update: Fat Is Where It Is At, I Am Not Afraid Of Being A Plastic Surgeon
8 Tips In 8 Minutes To Tell Your Anesthesiologist: How To Be Successful In Outpatient Shoulder Surgery
COMPLICATIONS IN SHOULDER SURGERY
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
Recurrent Instability Of My In Season Athletes: My Algorithm For Success
Evolving Technique: Postoperative Infection After My Rotator Cuff Surgery: What I Do And What I Have Changed And Recommend For All Of You
Evolving Technique Update: Can I Stop The Train? Rapidly Progressive OA Postop: Why And What I Can Do To Prevent It In Instability Surgery
The Nerves Around The Shoulder: What I Have Learned And How To Avoid Them!
Evolving Technique Update: Propionibacterium Acnes: Why I Care, What I Do - Is This The Culprit?
Evolving Technique Update: Watching Out For Big Red: When You Have A Major Vascular Problem And The ABCs - What To Do About It Calmly
Distinguished Professor Lecture: MRI Of The Shoulder From Biceps, Instability And Cuff: My View Of The World
ROTATOR CUFF
Evolving Technique: 7-Minute Proof Of Non-Operative Management Of The Rotator Cuff In A 53-Year-Old Man: MOON Shines Bright
Debate: The Tommy John Syndrome In A 23-Year-Old Former Collegiate Swimmer
Pro: Arthroscopic Subacromial Decompression Is Alive
Pro: The Arthroscopic Subacromial Decompression Died And Is So Old - Wrong Diagnosis
OPTIMAL STRATEGIES IN SPINE REHAB
Oh The Mistakes! The Correct Diagnosis Always Leads To A Good Outcome
Opioids And Managing Pain: Fixing Spine Surgery And Narcotics
Rehab For The Spine Patient: When To Refer To The Surgeon

Guest Surgeon: Understanding Intervention Of A Spine Patient: Stopping Rehab, Doing Surgery, Returning To Rehab
Spine Rehabilitation: One Size Fits None - 15 Minutes,

PRO: Rehab For The Surgical And Nonsurgical Achilles

PRO: Don’t Be Silly, Fix The Achilles And Move On

PRO: Nonoperative Works! Let Me Explain, Get Out The 37-Year-Old Dreaded Pop In The Achilles

Panel:
The Injured Runner: How I Examine, What The Remedies
Sensorimotor Changes In The Elite Athlete: Change To Patellofemoral Joint And Achilles Tendon Loads During Ankle And Foot Injuries In The Professional Tennis Player:

THE MODERN ERA: FOOT & ANKLE
Ankle And Foot Injuries In The Professional Tennis Player: How It May Affect You
Running Shoe Considerations, Inserts, And Type - Does It All Matter? What’s The Hyper?
Patellofemoral Joint And Achilles Tendon Loads During Treadmill Running
Sensorimotor Changes In The Elite Athlete: Change To Input To Change The Outcome
The Injured Runner: How I Examine, What The Remedies Are

Panel: The 37-Year-Old Dreaded Pop In The Achilles
Pro: Nonoperative Works! Let Me Explain, Get Out Of My Way
Pro: Don’t Be Silly, Fix The Achilles And Move On
Pro: Rehab For The Surgical And Nonsurgical Achilles In Athletes

Case Presentations With Questions & Answers: Running

RETURN TO SPORT
Return To Golf And Rotational Sports Following Spine Injury And Surgery
Return To Sport And Recovery Science In Elite Athletes Principles Of Objective And Functional Testing: The Sport Test
Not So Fast, Poperative Precautions And Restrictions With Spine Patients
Cervical Assessment And Treatment In Concussed Athletes
Case Presentations With Questions & Answers: Spine And Concussion

THE MODERN ERA: KNEE
The Principles Of Nonoperative Management Of Common Knee Injuries: Patellar Chondromalacia
Adjuvant Opioids And Preventing Complications Of Knee Arthroscopy
Complications Of Knee Arthroscopy: Surgical, Nonsurgical, And Systemic
Knee Arthroplasty Or Advanced Fractures

Panel: The Modern Era: Knee Arthroplasty
Pro: To Published What We Do
Pro: How Does It Work?
Pro: What’s The New? To Prevent Injury
Pro: Is It A Good Choice?

Case Presentations With Questions & Answers: Knee

FELLOW & RESIDENT SUMMIT**
No Fee
All Day Saturday, December 8th, 2018
Present Your Paper 7AM – 12 Noon
Design Your Own Cadaver Lab 1PM - 5PM
Knee Arthroplasty Or Advanced Fractures

Adjudicators:
STEVEN ARNOCZYK, DVM
BRIAN BUSCONI, MD
CHRISTOPHER CHUINARD, MD
HENRY CLARKE, MD
ANDREAS GOMOLL, MD
NICHOLAS SAGGLIONE, MD

**Best Overall Paper $2500
**Best Clinical Paper $1000
**Best Basic Science Paper $1000

Abstract Deadline: September 15th, 2018

CME & CEU Information
CME/CEU accreditation will be secured for up to 30+ credits for the following:
- AMA PRA Category 1 Credit(s)™ by AAOS
- BOC Category A Continuing Education Credits for Athletic Trainers
- ProCert Continuing Competence Units (CCUs) for Physical Therapists

Learning Objectives
Following the Orthopaedic Summit 2018: Evolving Techniques, participants should be able to:
- To develop a proficiency and understanding in complications of Knee and Hip Arthroplasty.
- Evaluate the newest technology for successful Total Knee Arthroplasty and Total Hip Arthroplasty.
- Summarize current controversial issues in orthopaedics.
- Evaluate and create a patient’s treatment plan that provides for non-operative, operative, and rehabilitation regimes.
- Analyze evidence-based studies and apply the results to clinical scenarios.
- Identify appropriate pathology when evaluating MRI and arthroscopic images of the joints.
- Prevent or correct complications when performing surgical interventions, as well as manage rehabilitative techniques and postsurgical intervention.
- Identify the basic science of osteochondral lesions of the talus dome, ankle instability, and tendinopathy of the foot and ankle to appropriately determine the best management options for patients.
- Evaluate the surgical steps required to treat rotator cuff, labral pathology, adhesive capsulitis, and degenerative conditions of the shoulder.
- Evaluate treatment options For meniscal and ligamentous injuries, and analyze controversial issues in ACL surgery.
- Understand controversial issues, surgical principles and indications in cervical spine and lumbar spine injuries.
- Summarize potential complications of surgery and identify principles to avoid complications as well as best management of complications when they arise.
- Understand the principles of orthopaedic trauma injuries to recognize indications for surgical intervention.

Our Venue
The Bellagio, Las Vegas
The Orthopaedic Summit 2018: Evolving Techniques will take place at The Bellagio in Las Vegas, a world renowned hotel with free Wi-Fi, and fabulous dining and entertainment options. Room rates for OSET participants start at an incredible rate of $169 per night (including tax)! We urge you to make reservations as soon as possible as room availability is limited. Room block closes November 9.


SPECIAL SURPRISE
KAREN ZUPKO CODING SEMINAR
1-5 PM
No Fee. Included in Registration

*Rooms are subject to a daily reduced Resort fee of $27, plus the current Clark County room tax of 12% (subject to change) in addition to the room rates.
Refunds will be subject to a $100.00 USD processing fee. Requests for refunds must be received in writing by the Course Office by November 6, 2018. No refund requests will be processed after November 6, 2018 – No Exceptions

By submitting this form, attendees allow OSET, Inc. to charge their credit card for the total registration amount.
COURSE OFFICE: 31 River Road, Suite 100, Cos Cob, CT 06802 • register@orthosummit.com

PERSONAL INFORMATION (Please Print Clearly for Badge Purposes)

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<th>First Name</th>
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Practice Specialty (May Choose More Than One): 
- Knee Arthroplasty
- Knee Sports Medicine
- Shoulder Arthroplasty
- Shoulder Sports Medicine
- Foot & Ankle
- Hip Arthroplasty
- Hip Sports Medicine
- Trauma
- Spine
- Rehabilitation & NonOp
- General Orthopaedics

Address

City: State: Postal Code: Country:

Telephone: Fax: Email:

### Course Registration (All Access)

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<th>August 7 – December 4, 2018</th>
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### Registration for Subspecialty Section Only

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<tr>
<td>Foot/Ankle Only (Wednesday PM - Thursday PM)</td>
<td>$525</td>
<td>$600</td>
<td>$700</td>
</tr>
<tr>
<td>Hip Arthroplasty &amp; Preservation Only (Friday)</td>
<td>$525</td>
<td>$600</td>
<td>$700</td>
</tr>
<tr>
<td>Spine Only (Friday PM - Saturday AM)</td>
<td>$525</td>
<td>$600</td>
<td>$700</td>
</tr>
<tr>
<td>Hand, Wrist &amp; Elbow Only (Wednesday AM - Thursday AM)</td>
<td>$525</td>
<td>$600</td>
<td>$700</td>
</tr>
<tr>
<td>4th Annual Fellow &amp; Resident Summit Only - (Saturday AM)</td>
<td>No Fee</td>
<td>No Fee</td>
<td>No Fee</td>
</tr>
</tbody>
</table>

### 18 Lunchtime Spotlight Sessions – Thursday/Friday December 6th/7th

Included in All Access Registration – No Additional Fee

### 2 Dinner Spotlight Sessions – Wednesday/Friday December 5th & 7th

Included in All Access Registration – No Additional Fee

### Chairman’s Reception - Thursday, December 7th

Included in All Access Registration – No Additional Fee

<table>
<thead>
<tr>
<th>Will attend.</th>
<th>Number of Guests:</th>
<th>Invite Your Spouse/Significant Other!</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Coding Seminar (Karen Zupco) - Saturday, December 8th - 1-5pm</th>
<th>Included in All Registration Categories - No Additional Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will attend.</td>
<td>Will Bring My Biller/Manager (Call for pricing)</td>
</tr>
</tbody>
</table>

### METHOD OF PAYMENT

<table>
<thead>
<tr>
<th>Payable to OSET, Inc. in US Dollars Drawn on a US Bank</th>
<th>TOTAL AMOUNT DUE: $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check</td>
<td>Cash (US Dollars)</td>
</tr>
<tr>
<td>Visa</td>
<td>MasterCard</td>
</tr>
<tr>
<td>American Express</td>
<td>Discover</td>
</tr>
<tr>
<td>Diners Club</td>
<td>Expiration Date</td>
</tr>
<tr>
<td>CVV #</td>
<td>Name (As it Appears on Card)</td>
</tr>
<tr>
<td>Signature</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Wednesday, December 5</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>6:00 AM - 6:50 PM</td>
<td>Registration</td>
</tr>
<tr>
<td>7:00 AM - 5:00 PM</td>
<td>Exhibit Hall Hours</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>9:00 AM - 12:18 PM</td>
<td>Lunch served</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>9:55 AM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>9:07 AM-12:00 PM</td>
<td>Lunch served</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>General Session</td>
</tr>
<tr>
<td>10:18 AM-12:18 PM</td>
<td>Lunch served</td>
</tr>
<tr>
<td>12:00 PM-12:15 PM</td>
<td>Lunch served</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>General Session</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>1:30 PM-3:30 PM</td>
<td>Lunch served</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>New! Knee Arthroplasty &amp; Sports Medicine, Cartilage &amp; Regen</td>
</tr>
<tr>
<td>2:15 PM</td>
<td>General Session</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>4:15 PM</td>
<td>Concurrent Session</td>
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<tr>
<td>4:45 PM</td>
<td>Concurrent Session</td>
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<tr>
<td>5:00 PM</td>
<td>Concurrent Session</td>
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<tr>
<td>5:30 PM</td>
<td>Concurrent Session</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>6:30 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>6:45 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>7:15 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>7:25 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>7:30 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>8:00 PM</td>
<td>Dinner &amp; Spotlight Sessions</td>
</tr>
<tr>
<td>8:30 PM</td>
<td>Exhibit Hall Hours</td>
</tr>
<tr>
<td>9:00 PM</td>
<td>Exhibit Hall Hours</td>
</tr>
</tbody>
</table>
Hotel Rates Starting at Just $169 a Night! including Tax

AN INTERNATIONAL FORUM

9 Specialty Sessions Returning For 2018!
Hand, Wrist & Elbow Sessions

Who Should Attend?

All healthcare practitioners specializing in arthroplasty, arthroscopy and orthopaedic sports medicine including:

- Orthopaedic Surgeons
- Fellows
- Residents
- Physician Assistants
- Non-Operative Sports Medicine Physicians
- Nurse Practitioners
- Physical Therapists
- Occupational Therapists
- Athletic Trainers

REGISTRATION NOW

Save Until August 6th

- Physicians
  - Today*: $899
  - After Aug 6: $1500
- Fellows & Residents
  - Today*: $399†
  - After Aug 6: $499†
- Advanced Practitioners
  - PA, NP, PT, OT, ATC
  - $450

*Discounted Registration Ends August 6th
†Wednesday-Friday  ‡Saturday Free

YOU CAN’T BEAT IT!
Get Ahead of Your Colleagues!