

AOFAS

Annual Meeting 2017

July 12-15



PROGRAM AGENDA

Program schedule as of June 26, 2017 - Program and Faculty subject to change

Jeffrey Johnson, MD, AOFAS President
Jeremy McCormick, MD, Program Chair
Sandra Klein, MD, Pre-meeting Course Chair

WEDNESDAY, JULY 12, 2017

Pre-meeting Course

Expect the Unexpected: Treating Foot and Ankle Trauma

6:00 – 6:55 am

Continental Breakfast

6:55 – 7:00 am

Welcome and Announcements

Sandra E. Klein, MD, Pre-meeting Course Chair

7:00 – 8:00 am

The Challenges of Treating Acute Ankle Fractures and Beyond

Moderator: Christopher W. DiGiovanni, MD

7:00 am More Than a Trimalleolar Ankle Fracture: When the Simple Turns Complicated
James R. Ficke, MD

7:12 am The Geriatric Ankle Fracture: New School Techniques for Older Ankles
Jason T. Bariteau, MD

7:24 am The Malunited Ankle: Techniques to Make the Second Time the Charm
Mark J. Berkowitz, MD

7:36 am Complex Nonunions/Nonunion Science: Is It What You Do or What You Put in It?
Mark A. Glazebrook, MD, MSc, PhD

7:48 am Discussion

8:00 – 8:50 am

TRAUMA ROUNDS: Interactive Ankle Fracture Cases – Is It Broken or Just Fractured?

Moderators: Andrew J. Goldberg, MD, MBBS, FRCS(Tr&Orth), and Thomas G. Harris, MD

Cases: Nonunited/Infected Pilon, Tibial Articular Impaction, Complicated Trimalleolar Fracture, Malunited Ankle
Beat Hintermann, MD; John S. Early, MD; David B. Thordarson, MD

8:50 – 9:25 am

PAPER SESSION

Moderators: Steven D. Steinlauf, MD, and Rebecca A. Cerrato, MD

- 8:50 am Risk Factors of Early Complications, Readmission, and Reoperation After Below Knee Amputation
David J. Ciuffo, MD; *Russell Marchese, BA; Caroline Thirukumaran, MBBS, PhD, MHA; Irvin Oh, MD*
- 8:55 am Restoration of Tibiofibular Kinematics with a Tricortical Screw or Suture Button Fixation After Syndesmotic Ankle Injuries
Conor I. Murphy, MD; *Thomas Pfeiffer, MD; Jason Zlotnicki, MD; Volker Musahl, MD; Richard Debski, PhD; MaCalus Hogan, MD*
- 9:00 am External Fixation in the Emergency Department Is Equally Efficacious to Placement in the Operating Room
Kalpiti N. Shah, MD; *Joseph Johnson, MD; Seth O'Donnell, MD; Joseph Gil, MD; Christopher Born, MD; Roman Hayda, MD*
- 9:05 am Comparison of Screws to Plate-and-Screw Constructs for Midfoot Arthrodesis
Jamal Ahmad, MD

9:10 am Discussion

9:25 – 9:40 am

Break

9:40 – 10:15 am

Midfoot Trauma: Small Bones, Big Problems

Moderator: Christopher P. Chiodo, MD

- 9:40 am Lisfranc Injuries: The Not So Subtle Lisfranc
Sarah A. Anderson, MD
- 9:52 am Post-traumatic Midfoot Deformity: Salvage Techniques for a Difficult Problem
Michael E. Brage, MD

10:04 am Discussion

10:15 – 11:30 am

The Opioid Epidemic: Defining the Problem and Your Role in the Solution

Moderator: Patrick B. Ebeling, MD

- 10:15 am Opioids and Orthopaedics
Haley M. Merrill, MD
- 10:30 am Neurobiology of Addiction
David J. Tauben, MD
- 10:45 am The Experience of a High-volume Trauma Center
Ivan K. Lesnik, MD

11:00 am Legislative Direction
Rep. Elizabeth A. Beskin

11:15 am Discussion

11:40 am – 1:10 pm
Industry Satellite Symposia

1:15 – 1:20 pm
Announcements

1:20 – 2:10 pm
TRAUMA ROUNDS: To Fix or Not to Fix? An Interactive Session of Controversial Cases
Moderators: Anish Kadakia, MD, and A. Holly Johnson, MD

Cases: Unusual Metatarsal Fracture, Great Toe Fractures, Cuboid Fractures, Lateral Process of the Talus
Judith F. Baumhauer, MD, MPH, MS; Lew C. Schon, MD; John G. Anderson, MD

2:10 – 3:00 pm
Hindfoot Fractures: Picking Up the Pieces
Moderator: Florian Nickisch, MD

2:10 pm Sinus Tarsi and Other Approaches to Calcaneus Fractures: Do I Really Need to Learn These New Approaches?
William C. McGarvey, MD

2:22 pm Salvage of Calcaneus Fractures: The Short, the Wide, and the Crooked
Michael P. Clare, MD

2:34 pm Talar Neck and Body Fractures: Preoperative Planning and Techniques to Improve Outcomes
Alexej Barg, MD

2:46 pm Discussion

3:00 – 3:45 pm
TRAUMA ROUNDS: Interactive Hindfoot Case Presentations
Moderators: Stefan Rammelt, MD, PhD, and Brian M. Weatherford, MD

Cases: Comminuted Calcaneus Fracture, Talar Neck Malunion, Posterior Talar Body Fractures
Stephen K. Benirschke, MD; Bruce E. Cohen, MD; Arthur Manoli, MD

3:45 pm Adjourn

5:00 – 7:00 pm
Welcome Reception
Exhibit Hall

Annual Meeting Scientific Session • Thursday, July 13 – Saturday, July 15

THURSDAY, JULY 13, 2017

6:00 – 7:00 am

Continental Breakfast

7:00 – 7:05 am

Introduction

Jeremy J. McCormick, MD, Program Chair

7:05 – 8:00 am

SYMPOSIUM 1: Challenging Ligament Injuries in Sports – When Sprains Don't Get Better

Moderator: Robert B. Anderson, MD

7:05 am The Failed Broström: Should I Have Done It Through a Scope? Now What?

Peter G. Mangone, MD

7:13 am Delayed Presentation Lisfranc Injury: Is It Too Late to Fix, or Must It Be Fused?

David A. Porter, MD, PhD

7:21 am Deltoid and Spring Ligament Injury: Should I Have Done Something Early?

W. Hodges Davis, MD

7:29 am Chronic Syndesmosis Injury: Approach to Surgical Treatment

Norman E. Waldrop III, MD

7:37 am Discussion

8:00 – 8:45 am

PAPER SESSION 1: What's New in South America?

Moderators: Caio A. Nery, MD, and Daniel K. Moon, MD

8:00 am Peroneal Tendon Tears: 50% Rule, a Myth? Biomechanical Cadaveric Evaluation

Emilio Wagner, MD; Pablo Wagner, MD; Diego Zanolli de Solminihac, MD; Cristian Ortiz, MD; Andres Keller Díaz, MD; Ruben Radkievich, MD; Felipe Palma, PT; Rodrigo Guzman-Venegas, MSc

8:05 am Does Foot Position and Local of Measurement Influence on Ankle Medial Clear Space?

Tiago Soares Baumfeld, MD; Daniel Baumfeld, MD; João Cangussú, MD; Benjamim Macedo, MD; Thiago Silva; Fernando Raduan, MD; Caio Nery, MD

8:10 am Early Weight Bearing on Weber C Fractures with Retained Syndesmotic Screws

Cristian A. Ortiz, MD; Andres Keller Díaz, MD; Pablo Mococain, MD; Pablo Wagner, MD; Ruben Radkievich, MD; Emilio Wagner, MD

8:15 am Chronic Deltoid Ligament Insufficiency Repair with *InternalBrace*™ Augmentation

Manuel J. Pellegrini, MD; Giovanni Carcuro, MD; Natalio Cuchacovic, MD; Marcelo Somarriva, MD; Mario Escudero Heldt, MD; Nicolas Torres, MD; Eddie Birman, MD; Gerardo Muñoz, MD

8:20 am Proximal Rotational Metatarsal Osteotomy for Hallux Valgus: Technique Description and Prospective Case Series
Pablo Wagner, MD; Emilio Wagner, MD; Diego Zanolli de Solminihac, MD; Cristian Ortiz, MD; Andres Keller Díaz, MD; Ruben Radkievich, MD

8:25 am Polymorphisms of Alpha and Beta Estrogen Receptors in Post-menopausal Women with Posterior Tibial Tendon Dysfunction
Pedro Augusto Pontin, MD; Cesar de Cesar Netto, MD, PhD; Alexandre Godoy Dos Santos, MD; Katia Carvalho, PhD; Tulio Diniz Fernandes, PhD; Fabio Fonseca, MD; Edmund Chada Baracat, PhD

8:30 am Discussion

8:45 – 9:45 am

SYMPOSIUM 2: Forefoot Frustration – Don't Pull Your Hair Out, It's Hard for Everyone...

Moderator: Mark E. Easley, MD

8:45 am Recurrent Hallux Valgus: What Went Wrong and How Do I Fix It?
Rebecca A. Cerrato, MD

8:53 am Hallux Varus: Alternatives to Fusion of the MTP Joint
James J. Sferra, MD

9:01 am Metatarsus Adductus: When You Really Hope Wide Shoes Will Do the Trick
James R. Holmes, MD

9:09 am The Crossover 2nd Toe: Algorithm for Success – Implants? Plantar Plate Repair?
Emilio Wagner, MD

9:17 am Discussion/Case Presentations

9:45 – 10:30 am

PRESIDENTIAL GUEST SPEAKER: JIM WHITTAKER

A Life on the Edge

10:30 – 11:15 am

Break

11:15 am – noon

CONCURRENT PAPER SESSIONS

PAPER SESSION 2: Total Ankle Replacement

Moderators: Richard M. Marks, MD, and Kathryn L. Williams, MD

Ballroom 6A

11:15 am The Value of Motion: Patient Reported Outcome Measures Are Correlated with Range of Motion in Total Ankle Replacement
Kamran Hamid, MD, MPH; Travis Dekker, MD; Mark Easley, MD; James Nunley, MD; Samuel Adams, MD

- 11:20 am **2017 IFFAS AWARD FOR EXCELLENCE FINALIST**
Two-year PROMs in Total Ankle Replacement for Osteoarthritis Following Pilon Fracture: Are They Comparable to Those for Other Indications for Total Ankle Replacement?
Adam Bennett, BSc (Hons), MBBCh, MRCS; Malik Siddique, DO; Jayasree Ramas Ramaskandhan, MD
- 11:25 am The Fate of Bone Graft for Periprosthetic Osteolysis in Total Ankle Arthroplasty
Yoo Jung Park, MD; Dong-woo Shim, MD; Yeokgu Hwang, MD; Jin Woo Lee, MD, PhD
- 11:30 am Supramalleolar Osteotomy for Tibial Component Malposition in Total Ankle Replacement
Manja Deforth, MSc; Nicola Krähenbühl, MD; Lukas Zwicky; Markus Knupp, MD; Beat Hintermann, MD
- 11:35 am Outpatient Total Ankle Arthroplasty Is a Safe Alternative to Traditional Inpatient Admission or Overnight Observation
Ryan P. Mulligan, MD; Selene Parekh, MD, MBA
- 11:40 am **2017 IFFAS AWARD FOR EXCELLENCE FINALIST**
Mid- to Long-term Results of Total Ankle Replacement in Patients with Hemophilic Arthropathy: A 10-year Follow-up
Franziska Eckers, MD; Stephan Wirth, MD; Reto Sutter, MD; Andreas Hingsammer, MMed(Orth); Brigitte Brand-Stauber, MD
- 11:45 am Discussion

PAPER SESSION 3: Sports

Moderators: G. Andrew Murphy, MD, and J. Benjamin Jackson, MD

Ballroom 6B

- 11:15 am Comparison of Contact and Damage to Anatomic Structures in the Fixation of Zone II Fifth Metatarsal Fractures with an Intramedullary Screw or an Intramedullary Nail
David N. Garras, MD; Samuel B. Adams Jr., MD; Brian Burgess, DPM
- 11:20 am Effects of Micronized Cartilage Matrix on Cartilage Repair in Osteochondral Lesions of the Talus
Christopher D. Kreulen, MD; Eric Giza, MD; Alvin Shieh, MD; Sohni Singh, BS; Connor Nathe, BS; Evan Lian, BA; Dominik Haudenschild, PhD
- 11:25 am Subchondral Bone Degradation Following Bone Marrow Stimulation: An MRI Analysis
Yoshiharu Shimozone, MD; Youichi Yasui, MD; Robin Megill, MPH; John Kennedy, MD, FRCS(Orth)
- 11:30 am Outcomes of Lisfranc Injuries in an Active Duty Military Population
Michael Hawkinson, MD; Patrick Osborn, MD
- 11:35 am Outcomes of Flexor Digitorum Longus (FDL) Tendon Transfer for the Treatment of Chronic Achilles Tendinopathy
Cesar de Cesar Netto, MD, PhD; Apisan Chinanuvathana, MD; Lucas Furtado Da Fonseca, MD; Andres O'Daly Baquero, MD; Eric Tan, MD; Lara Atwater, MD; Lew Schon, MD
- 11:40 am Primary Versus Secondary Osteochondral Autograft Transplantation in Patients with Large Sized OLT
Yeokgu Hwang, MD; Kwang Hwan Park; Yoo Jung Park, MD; Dong-woo Shim, MD; Jin Woo Lee, MD, PhD

11:45 am Discussion

PAPER SESSION 4: Pes Planovalgus

Moderators: Clifford L. Jeng, MD, and Pamela C. Luk, MD

Ballroom 6C

11:15 am Modified Evans Osteotomy: A Cadaveric Study of Structures at Risk

Mohamed Mokhtar Abd-Ella, MD

11:20 am Clinical Utilization of Patient Reported Outcome (PROMIS) Scores for Surgical Reconstruction of Posterior Tibialis Tendon Dysfunction

Michael R. Anderson, DO; Jeff Houck, PT, PhD; Adolph Flemister, MD; Judith Baumhauer, MD, MPH, MS; John Ketz, MD; Benedict DiGiovanni, MD; David Ciufo, MD; Irvin Oh, MD

11:25 am Mid-term Outcomes and Complications Following the Use of an Arthroereisis Implant to Aid in Stage II Flatfoot Correction in Adults: A Case-control Study

Michael C. Aynardi, MD; Kempland Walley, BSc; Jesse Hallam, PA; Gearin Green, MD; Paul Juliano, MD

11:30 am Posterior Tibial Tendon Dysfunction: Confirmation When No MRI-detectable Intra-substance Tendon Pathology Is Present

Jason T. Bariteau, MD; Douglas Robertson, MD, PhD; William Carpenter, MD

11:35 am Reliability of Hindfoot Alignment Using Weightbearing CT Semi Automatic Software: An Analysis of 135 Feet

Francois Lintz, MD; Matthew Welck, MD, FRCS(Orth); Alessio Bernasconi, MD; James Thornton, BSc; Nicholas Cullen, FRCS(Orth); Dishan Singh, MBChB, FRCS(Orth); Andrew Goldberg, MD, MBBS, FRCS(Tr&Orth)

11:40 am Medial Displacement Osteotomy Performed Concurrently with Triple Arthrodesis Improves Pain and Mobility in Patients with Rigid Flatfoot Deformity and Hindfoot Valgus

Mitchell Fourman, MD, MPhil; Patrick Ward, MD; Dane Wukich, MD

11:45 am Discussion

Noon – 12:45 pm

CONCURRENT PAPER SESSIONS

PAPER SESSION 5: Diabetes

Moderators: Daniel C. Farber, MD, and Kevin D. Martin, DO

Ballroom 6A

Noon Application of Amniotic Membrane Improves Repair in a Diabetic Animal Model for Delayed Tendon Healing

Norman E. Waldrop III, MD; Bonnie Mowry, PhD; Mitchell Sanders, PhD; John McQuilling, PhD

12:05 pm Clinical Application of Immunoassay for Identification of *Staphylococcus aureus* and Monitoring Treatment Response in Diabetic Foot Infection

Irvin Oh, MD; Benjamin Smith, BS; Alex Grier, MSc; Steven Gill, PhD; John Daiss, PhD

- 12:10 pm **2017 J. LEONARD GOLDNER AWARD FINALIST**
Effect of Topical Opioid Antagonist on Diabetic Wound Healing in Rat Model
Jarrett D. Cain, MSc, DPM; Michelle Titunick, BA
- 12:15 pm Primary Results of Bone Biopsies in Outpatients with Neuropathic Ulcers: Comparison with Wound Swabs and Superficial Tissue Samples
Alexandros Vris, MD; Edward Massa, MD; Raju Ahluwalia, MBBS, BSc, FRCS(Tr&Orth); Venu Kavarthapu, FRCS(Tr&Orth)
- 12:20 pm Deformity and Clinical Outcomes Following Surgical Correction of Charcot Foot
Michael S. Pinzur, MD; Adam Schiff, MD
- 12:25 pm Microbiome Analysis for Assessments of Treatment Response and Salvage Prognosis in Infected Diabetic Foot Ulcers
Ashlee MacDonald, MD; Irvin Oh, MD; Alex Grier, MSc; Benjamin Smith, BS; John Daiss, PhD; Steven Gill, PhD
- 12:30 pm Discussion

PAPER SESSION 6: Basic Science

Moderators: Steven B. Weinfeld, MD, and Amiethab A. Aiyer, MD

Ballroom 6B

- Noon **2017 J. LEONARD GOLDNER AWARD FINALIST**
Histological Analysis of Early Osteolysis in Total Ankle Arthroplasty
Oliver N. Schipper, MD; Steven Haddad, MD
- 12:05 pm Effects of Cryopreserved Amniotic Membrane Allograft on Total Ankle Arthroplasty Wound Healing
Thomas Bemenderfer, MD, MBA; Robert Anderson, MD; Susan Odum, PhD; W. Hodges Davis, MD
- 12:10 pm **2017 J. LEONARD GOLDNER AWARD FINALIST**
Synovial Fluid Composition of Inflammatory Cytokines, Matrix Metalloproteinases, and Cartilage Breakdown Products Are Dependent on Time After Intra-articular Ankle Fracture
Samuel B. Adams Jr., MD; Rachel Reilly, MD; Janet Huebner, MSc; Virginia Kraus, MD, PhD; Dana Nettles, PhD
- 12:15 pm Proximity of the Lateral Calcaneal Artery With a Modified Extensile Lateral Approach Compared to Standard Extensile Approach
John Y. Kwon, MD; Mohammad Ghorbanhoseini, MD; Tyler Gonzalez, MD, MBA; Matthew Riedel, MD; Ara Nazarian, PhD
- 12:20 pm Effect of Hypoalbuminemia on Perioperative Complications and Hospital Outcomes in Ankle Fracture Fixation
Collin C. Barber, MD; Andrew Chung, DO; Clifford Jones, MD; George Russell, MD; Sean Karr, MD
- 12:25 pm Generalizability and Validation of PROMIS Scores to Predict Surgical Success in Foot and Ankle Patients: A Tale of Two Academic Centers
Judith F. Baumhauer, MD, MPH, MS; Michael Anderson, DO; Charles Saltzman, MD; Man Hung, PhD; Florian Nickisch, MD; Alexej Barg, MD; Timothy Beals, MD; Jeff Houck, PT, PhD
- 12:30 pm Discussion

PAPER SESSION 7: Imaging

Moderators: *Stephen J. Pinney, MD, and M. Truitt Cooper, MD*

Ballroom 6C

- Noon HV Patients Show Greater Pronation of the First Metatarsal Than Normals
Bradley C. Campbell, MS; Stephen Conti, MD
- 12:05 pm Natural Progression of Radiographic Indices in Juvenile Hallux Valgus Deformity
Sangho Chun, MD; Soon-Sun Kwon, PhD; Kyoung-min Lee, MD, PhD; Moon Seok Park, MD; Ki Hyuk Sung, MD; Seungbum Koo, PhD; Sung Jin Kim, MD; Shin Sangyeop, MD; Hyun Choi, MD; Seung Yeol Lee, MD
- 12:10 pm The Radiologic Change of Distal Tibiofibular Joint Following the Removal of the Transfixing Screw After Syndesmotic Injury
Bi O Jeong, MD, PhD; Jong Hun Baek, MD; Wookjae Song, MD
- 12:15 pm 3D CT Analysis of Distal Tibiofibular Syndesmosis Symmetry
Daniel M. Hoopes, MD, MS; Bruce Sangeorzan, MD; William Ledoux, PhD; Connor Pihl, BS; Kylie Edinger, BSc(Med); Matthew Kindig, MSc
- 12:20 pm Is Magnetic Resonance Imaging (MRI) Reliable in the Diagnosis of Osteochondral Lesions (OCLs)?
Triin Nurm, MD; Paulo Torres, FRCS(Ed); Jayasree Ramas Ramaskandhan, MD
- 12:25 pm MR Imaging of Ankle Arthroplasty Implants: Findings of Normal and Symptomatic Patients
Cesar de Cesar Netto, MD, PhD; Lew Schon, MD; Lucas Furtado Da Fonseca, MD; Camilla Maccario, MD; Apisan Chinanuvathana, MD; Jan Fritz, MD

12:30 pm Discussion

12:45 – 2:15 pm

Industry Satellite Symposia

2:15 – 3:00 pm

SYMPOSIUM 3: Pediatric Problems in Adults – What Do We Do Now?

Moderator: *James W. Brodsky, MD*

- 2:15 pm Tarsal Coalition: Can I Just Resect It? What About Deformity?
John T. Campbell, MD
- 2:23 pm The Overcorrected Clubfoot in the Adult: Not Your Average Flatfoot
Beat Hintermann, MD
- 2:31 pm Approach to Treating Mueller-Weiss Syndrome: Kohler's Gone Bad
Bruce J. Sangeorzan, MD
- 2:39 pm Discussion/Case Presentations

3:00 – 3:20 pm

PED TALK 1: Flatfoot Deformity

Timothy R. Daniels, MD, FRCSC

3:30 – 4:45 pm

Posters with the Presidents

Exhibit Hall

4:45 – 5:45 pm

Humanitarian Services Symposium

Ballroom 6C

5:30 – 8:00 pm

Young Orthopaedic Surgeons Forum and Reception

Ballrooms 6A, 6B, 6C

FRIDAY, JULY 14, 2017

6:30 – 8:00 am

Industry Satellite Symposia

7:00 – 8:00 am

Light Continental Breakfast

8:00 – 8:45 am

SYMPOSIUM 4: Advanced Arthroscopy – Where There Is Scope, There Is Hope!

Moderator: Alastair S.E. Younger, MBChB, ChM, FRCS

8:00 am Arthroscopy of the Big Toe: Are You Serious!?!
Kenneth J. Hunt, MD

8:08 am Posterior Ankle and Subtalar Arthroscopy: Indications for a Cool Operation
Masato Takao, MD

8:16 am Ankle Arthroscopy for Osteochondral Lesions of the Talus: When It's More Than Just Microfracture
Eric Giza, MD

8:24 am Discussion/Case Presentations

8:45 – 9:15 am

RESEARCH GUEST SPEAKER: Irene Davis, PhD, PT, FAPTA, FACSM, FASB

From Orthotics to Minimal Footwear: An Evolution of Thought

9:15 – 10:00 am

Break in Exhibit Hall

10:00 – 10:45 am

PAPER SESSION 8: What's New in North America?

Moderators: Andrea N. Veljkovic, MD, FRCS(C), and J. Kent Ellington, MD, MS

10:00 am **2017 ROGER A. MANN AWARD FINALIST**

Rates of Acute and Delayed Achilles Repair: Changes in Practice Secondary to an RCT Study
Alastair S.E. Younger, MBChB, ChM, FRCS; Sam Si-Hyeong Park, MD; Andrea Veljkovic, MD, FRCS(C); Murray Penner, MD, FRCS(C); Kevin Wing, MD, FRCS(C)

10:05 am Cavovarus Reconstruction Using a Lateralizing Calcaneal Osteotomy Via Medial Approach
David E. Jaffe, MD; Justin Kane, MD; Christian Royer, MD; David Vier, MD

10:10 am **2017 ROGER A. MANN AWARD FINALIST**

Do Patient Risk Factors Impact 90-day Readmission After Total Ankle Arthroplasty?
Samuel B. Adams Jr., MD; Daniel Cunningham, BS; Vasili Karas, MD; Mark Easley, MD; James DeOrio, MD; James Nunley, MD;

- 10:15 am Revision of Implant to Great Toe Fusion: Did We “Burn a Bridge” with a Synthetic Implant Hemiarthroplasty?
Mark A. Glazebrook, MD, MSc, PhD; *Judith Baumhauer, MD, MPH, MS; Mark Bowen Davies, MD, FRACS(Orth)*
- 10:20 am Immediate Unrestricted Weight Bearing with Simple Stirrup Brace Following Single Anchor Lateral Ankle Ligament Stabilization
Christopher M. Diefenbach, MD; *Linda Dunaway, MSN, NP; Larissa White, MPH; Gregory Lundeen, MD, MPH*
- 10:25 am Comparative Outcomes for Treatment of Articular Cartilage Lesions in the Ankle with Particulated Juvenile Cartilage Allograft: Open Versus Arthroscopic Treatment
James B. Deal Jr., MD; *Robert Turner, MD; Paul Ryan, MD; Claude Anderson, MD; Adam Groth, MD*
- 10:30 am Discussion

10:45 – 11:45 am

SYMPOSIUM 5: “Speaking from Experience” — Case Conference with Sigvard Hansen and Donald Baxter, Two Pioneers of Modern Foot and Ankle Surgery

Moderator: Charles L. Saltzman, MD

- 10:45 am Introduction of Dr. Hansen
Bruce J. Sangeorzan, MD
- 10:45 am Introduction of Dr. Baxter
Lew C. Schon, MD
- 10:55 am Case Discussion
Sigvard T. Hansen Jr., MD; Donald E. Baxter, MD
- 11:30 am Q&A Session

11:45 am – 12:40 pm

Presidential Remarks and Presentation of Awards

- 11:45 am Outgoing Presidential Remarks
Jeffrey E. Johnson, MD, AOFAS President
- Noon Introduction of Incoming President
J. Chris Coetzee, MD, AOFAS Vice President
- 12:05 pm Incoming Presidential Remarks
Thomas H. Lee, MD, AOFAS President-Elect
- 12:20 pm Presentation of 2017 Roger A. Mann Award, 2017 J. Leonard Goldner Award, and 2017 IFFAS Award for Excellence
- 12:25 pm Foundation Update
Bryan D. Den Hartog, MD, Foundation President
Pierce E. Scranton Jr., MD

12:35 pm Recognition of 2017 Traveling Fellows and Resident Scholars

12:40 – 12:55 pm

AOFAS Business Meeting

(Voting limited to AOFAS Active Members)

12:40 – 1:30 pm

Lunch in the Exhibit Hall

1:30 – 2:15 pm

SYMPOSIUM 6: Minimally Invasive Surgery – Is It Better or Just a Neat Trick?

Kenneth A. Johnson Symposium on Controversies in Foot and Ankle Surgery

Moderators: Gregory P. Guyton, MD, and Scott J. Ellis, MD

1:30 pm Evolution of Endoscopic Achilles Tendon Surgery

Hajo Thermann, MD, PhD

Kenneth A. Johnson International Speaker

1:38 pm Percutaneous Bunion Correction

Anthony M. Perera, MBChB, FRCS(Orth)

1:46 pm Percutaneous Calcaneal Osteotomy

David J. Redfern, MBBS, FRCS(Tr&Orth)

1:54 pm Discussion/Case Presentations

2:15 – 2:55 pm

PAPER SESSION 9: What's New in Asia?

Moderators: Jin Woo Lee, MD, PhD, and William M. Granberry, MD

2:15 pm CT Arthrography Visualizes Joint Regeneration After Microfracture of OLT

Dong-Oh Lee, MD; Hong-Geun Jung, MD, PhD; Mao Yuan Sun, MMed(Orth); Hwa Jun Kang, MD

2:20 pm Changes in the Ankle Joint and Hindfoot Alignment Following Varus Deformity Correction of the Knee with Total Knee Arthroplasty

Bi O Jeong, MD, PhD; Jong Hun Baek, MD; Wookjae Song, MD

2:25 pm Abnormal Gutter Geometry as a Risk Factor of Chronic Ankle Instability

Yuki Tochigi, MD, PhD; Masato Ogawa, MD; Masataka Kakahana, MD; Satoru Ozeki, MD, PhD

2:30 pm Is Revision Anatomic Ankle Ligament Repair Augmented with Suture-Tape a Valuable Alternative for Patients with Failed Broström Procedure?

Seung-Myung Choi, MD

2:35 pm Second-look Arthroscopic Evaluation and Clinical Outcome After the Supramalleolar Osteotomy for the Medial Compartment Ankle Osteoarthritis

Hong-Geun Jung, MD, PhD; Joon-Sang Eom, MD; Dong-Oh Lee, MD; Mao Yuan Sun, MMed(Orth); Hwa Jun Kang, MD

2:40 pm Peri-talar Osteotomy as Part of Treatment of Talar Osteochondral Defect of Varus Ankle

Bibo Wang, MD, PhD

2:45 pm Discussion

3:00 – 5:00 pm

CONCURRENT SESSIONS

Ask an Expert

Ballroom 6A

- 3:00 pm: *Christopher W. DiGiovanni, MD; Mark A. Glazebrook, MD, MSc, PhD; Brian C. Toolan, MD*
- 4:00 pm: *Donald R. Bohay, MD, FACS; J. Chris Coetzee, MD; A. Holly Johnson, MD*

CPT Coding Session

Ballroom 6C

Peter G. Mangone, MD; David I. Pedowitz, MD

Orthopaedic Resident Session

Ballroom 6B

Research Forum

Biomechanics Research: Improving Foot Care Through Understanding
Hall 4C

3:00 pm Welcome and Overview

L. Daniel Latt, MD, PhD, AOFAS Research Committee Chair

3:05 pm Foot Biomechanics: Complex, Beautiful, and Mysterious

Irene Davis, PhD, PT, FAPTA, FACSM, FASB

3:45 pm Cadaver Biomechanics Research Including Cadaveric Gait Simulation

Bruce J. Sangeorzan, MD

4:00 pm Human Movement Biomechanics as a Functional Outcome Measure for Foot and Ankle Surgery

James W. Brodsky, MD

4:15 pm Joint Kinematics Using 3D CT

Lew C. Schon, MD

4:30 pm Discussion

6:00 – 11:00 pm

Bay Cruise and Island Dinner Excursion

SATURDAY, JULY 15, 2017

6:00 – 7:00 am

Continental Breakfast

7:00 – 8:00 am

SYMPOSIUM 7: Total Ankle Replacement – I Think We Agree It's Here to Stay...

Moderator: Gregory C. Berlet, MD

7:00 am Perioperative Risk Factors: Is There Anyone Who Shouldn't Get a Total Ankle?
Samuel B. Adams Jr., MD

7:08 am Intraoperative Decision Making: Balancing Ligament Stability and Range of Motion
Jeffrey A. Mann, MD

7:16 am Deformity Correction: Go Big or Go Home (Even If It Takes 2 Stages)
Steven L. Haddad, MD

7:24 am Revision Ankle Replacement Surgery: You Mean I Don't Have to Convert It to Fusion?
Murray J. Penner, MD, FRCS(C)

7:32 am Discussion/Case Presentations

8:00 – 8:20 am

PED TALK 2: How Not to Flunk Retirement

Pierce E. Scranton Jr., MD

8:20 – 9:05 am

PAPER SESSION 10: What's New in the United States?

Moderators: Harold B. Kitaoka, MD, and Eric W. Tan, MD

8:20 am **2017 ROGER A. MANN AWARD FINALIST**

Correlation of Hallux Rigidus Coughlin Grade with First MTP Motion, Intraoperative Cartilage Loss and Treatment Success for 1st MTP Arthrodesis and Hemiarthroplasty

Judith F. Baumhauer, MD, MPH, MS; Chris Blundell, MD, FRCS; Andrew Goldberg, MD, MBBS, FRCS(Tr&Orth); Mark Glazebrook, MD, MSc, PhD; Gwyneth de Vries, MD, FRCSC; M. Elizabeth Pedersen, MD, FRCS(C); Alastair Younger, MBChB, ChM, FRCSC; Dishan Singh, MBChB, FRCS(Orth); Mark Bowen Davies, MD, FRACS(Orth); Timothy Daniels, MD, FRCSC

8:25 am Optimal Time to Return to Play and Performance After Jones Fracture Surgery in the National Football League
Selene G. Parekh, MD, MBA; Jay Shah, MBA

8:30 am Lower Complication Rate Following Ankle Fracture Fixation by Orthopaedic Surgeons Versus Podiatrists
Jeremy Y. Chan, MD; Jeremy Truntzer, MD; Michael Gardner, MD; Julius Bishop, MD

8:35 am The Use of Patient-specific 3D Printed Titanium Implants for Complex Foot and Ankle Limb Salvage, Deformity Correction, and Arthrodesis Procedures
Samuel B. Adams Jr., MD; Travis Dekker, MD; John Steele, MD; Kamran Hamid, MD, MPH

8:40 am Patient-reported Outcomes Demonstrate the Value of Non-operative and Operative Orthopedic Treatments and Predict the Odds of Improvement with Surgery
Andrew Haskell, MD; Todd S. Kim, MD

8:45 am Early Versus Delayed Weightbearing After Microfracture for Osteochondral Lesions of the Talus: A Prospective Randomized Trial
James B. Deal Jr., MD; Adam Groth, MD; Paul Ryan, MD

8:50 am Discussion

9:05 – 9:50 am

PAPER SESSION 11: What's New in Europe?

Moderators: Hajo Thermann, MD, PhD, and William S. Crawford, MD

9:05 am Matrix-associated Stem Cell Transplantation (MAST) in Chondral Defects of the Ankle Is Safe and Effective: 5-year Follow-up
Martinus Richter, MD, PhD; Stefan Meissner; Stefan Zech, MD

9:10 am The Influence of Patient Factors on the Outcome of Synthetic Cartilage Implant Hemiarthroplasty Versus First Metatarsophalangeal Joint Arthrodesis
Andrew J. Goldberg, MD, MBBS, FRCS(Tr&Orth); Mark Glazebrook, MD, MSc, PhD; Timothy Daniels, MD, FRCSC; Gwyneth de Vries, MD, FRCSC; M. Elizabeth Pedersen, MD, FRCS(C); Alastair Younger, MBChB, ChM, FRCSC; Dishan Singh, MBChB, FRCS(Orth); Chris Blundell, MD, FRCS; Anthony Sakellariou, BSc, MBBS, FRCS(Orth); Judith Baumhauer, MD, MPH, MS

9:15 am Weightbearing CT Analysis of Hindfoot Alignment in Chronic Lateral Ankle Instability: A Multivariate Analysis of 124 Feet
Francois Lintz, MD; Alessio Bernasconi, MD; Nazim Mehdi, MD; Cesar de Cesar Netto, MD, PhD; Louise Baschet, MSc; Martinus Richter, MD, PhD

9:20 am The Deltoid Ligament: The Gatekeeper to Midfoot Collapse in Adult Acquired Flatfoot Disorder
Neal Ormsby, MBChB (Hons), MRCS; Simon Platt, MBChB, FRCS; Gillian Jackson, MBChB; Paul Evans, MBChB, FRCR

9:25 am Ligament Balancing During TAR in Varus Deformity by Open Wedge Osteotomy of the Medial Malleolus: Results in 50 Ankles
Joe Wagener, MD; Christine Schweizer, MSc; Lukas Zwicky; Beat Hintermann, MD

9:30 am Investigating How the Degree of Radiological Correction Corresponds to Patient-reported Outcomes in Scarf Osteotomy
Karam Ahmad, MBChB (UK); Anand Pillai, MS(Orth), MBBS, FRCS(Tr&Orth)

9:35 am Discussion

9:50 – 10:20 am

Break

10:20 – 11:20 am

SYMPOSIUM 8: Charcot Reconstruction – Tough Patients, Tough Cases

Moderator: Lew C. Schon, MD

- 10:20 am Perioperative Risk Assessment in Diabetic Patients: What's the Latest?
Andrew E. Dodd, MD, FRCSC
- 10:28 am Diabetic Ankle Fractures: Tips for Staying Out of Trouble, and Tips for When You Are in Trouble
Dane K. Wukich, MD
- 10:36 am The Charcot Midfoot: Do I Have to Operate? If So, How?
V. James Sammarco, MD
- 10:44 am The Charcot Ankle: Salvage Options to Avoid a BKA
Jesse F. Doty, MD
- 10:52 am Discussion/Case Presentations

11:20 am – 12:20 pm

SYMPOSIUM 9: The Cavus Foot – Big Arch, Big Problem!

Moderator: Donald R. Bohay, MD, FACS

- 11:20 am Calcaneal Osteotomy: So Many Options, Which Do I Choose?
Glenn B. Pfeffer, MD
- 11:28 am No Strings Attached: Tendon Transfers in the Cavus Foot
Cristian A. Ortiz, MD
- 11:36 am When Osteotomies Aren't Enough: Fusion Strategies for the Cavus Foot
Timothy C. Beals, MD
- 11:44 am When to Go Higher: Assessment and Treatment with Supramalleolar Osteotomies in Varus Hindfoot Deformity
Todd A. Irwin, MD
- 11:52 am Discussion/Case Presentations
- 12:20 pm Adjourn**