

# THURSDAY, JULY 15, 2010

- 6:15am Continental Breakfast
- 6:45–8:15am Instructional Courses
- 7:30am–1:00pm Exhibits: Hall C—Level 3**  
**Scientific Session: Ballroom A–E—Level 5**
- 8:30–8:35am Welcome and Announcements  
James R. Andrews MD, AOSSM President  
Neal S. ElAttrache MD, AOSSM 2010 Program Chair
- 8:36–8:59am Scientific Session: Team Physician–Game Time Pain Management**  
Moderator: Russell F. Warren MD
- 8:36–8:41am Local Anesthetics Use Following a Lateral Ankle Sprain Does Not Suppress Muscle Activity  
**David A. Stone MD**, John P. Abt PhD,  
Anthony J. House MS, ATC, Jon Akins MS,  
Jon J. Pederson ATC, Karen A. Keenan MS, ATC,  
Scott M. Lephart PhD, ATC
- 8:42–8:47am Chondrotoxicity of Commonly used Single Injection Corticosteroids  
**Jason L. Dragoo MD**
- 8:48–8:59am **Team Physician Update:**  
Game Time Pain Management  
Lee D. Kaplan MD, Russell F. Warren MD
- Objectives:**  
Upon completion of this update, learners should be able to:
- Understand the commonly used medications and modalities to acutely decrease pain, swelling and inflammation pre-game and game time
  - Be aware of the newer proposed treatments to decrease pain and promote healing
  - Understand the effectiveness and risks of these agents and modalities
- 9:00–9:20am Athletic Pubalgia – Evaluation & Treatment of Anterior Hip Pain in the Athlete  
Marc R. Safran MD, Bryan T. Kelly MD
- Objectives:**  
Upon completion of this update, learners should be able to:
- Understand the pathoanatomy of athletic pubalgia
  - Understand the diagnostic techniques and principles for efficient treatments, rehabilitation and return to play
  - Understand preventive techniques for athletic pubalgia
- 9:21–9:39am Concussion  
Michael W. Collins PhD, Vernon B. Williams MD
- Objectives:**  
Upon completion of this update, learners should be able to:
- Understand principles for early diagnosis and treatment especially in the young athlete
  - Understand recent changes in classification of concussion and impact on treatment
  - Understand recent recommendation for return to play criteria and prevention of cerebral concussion
- 9:40–9:48am Question & Answer Session

- 9:49–10:31am Symposium: Critical Issues in Orthopaedic Sports Medicine**  
Moderator: Annunziato Amendola MD
- Objectives:**  
Upon completion of this symposium, learners should be able to:
- Understand the medical-legal regulations and trends affecting physician participation in ancillary services
  - Understand evolving guidelines impacting physician/industry relationships
  - Understand the recent developments in the MOC and Orthopaedic Sports Medicine Subspecialty Certification process
- 9:49–10:09am Conflict of Interest  
Scott Becker JD
- 10:10–10:20am Maintenance of Certification (MOC) and Subspecialty Certification in Sports Medicine  
*Note: ABOS staff will be present and able to address questions.*  
David F. Martin MD
- 10:21–10:31am Question & Answer Session
- 10:32–10:37am **OREF Presentation**  
Kurt P. Spindler MD
- 10:38–10:53am **First Business Meeting (MEMBERS ONLY)**
- 10:54–11:20am Break



## CONCURRENT SESSION A: BALLROOM A–E—LEVEL 5

- 11:20–11:37am Scientific Session: ACL – Basic Science**  
Moderator: Rick W. Wright MD
- 11:20–11:25am **Aircast Award for Basic Science Presentation**  
The Effect of Meniscal Loss on Knee Stability After Single-Bundle ACL Reconstructions:  
A Cadaveric Experiment  
**Frank A. Petrigliano MD**, Volker Musahl MD,  
Musa Citak MD, Eduardo Suero MD, Andrew Pearle MD
- 11:26–11:31am **Cabaud Memorial Award Presentation**  
A Comparison of Single and Double Bundle ACL Reconstructions on Pivot Shift Kinematics in ACL and Meniscus Deficient Knees  
**Volker Musahl MD**, Asheesh Bedi MD, Musa Citak MD,  
Padhraig F. O'Loughlin MD, Daniel Choi MS,  
Andrew D. Pearle MD
- 11:32–11:37am Transtibial versus Medial Portal Drilling of the Femoral Tunnel in ACL Reconstruction: The Effect of Notchplasty on Recreating the Normal Femoral Origin of the ACL  
**Jeffrey R. Dugas MD**, E. Lyle Cain Jr, MD,  
Jesse L. Pace DO, Becky Bolt MS, Shane Wear MD
- 11:38–12:04pm Scientific Session: ACL – Clinical**  
Moderator: Walter R. Lowe MD
- 11:38–11:43am Double-Bundle versus Single-Bundle Anterior Cruciate Ligament Reconstruction: Prospective, Randomized Clinical and Magnetic Resonance Imaging Study with 2-Year Follow-up  
**Timo J. Jarvela MD, PhD**
- 11:44–11:49am In Vivo Stability and Clinical Outcome Comparisons of Anterior Cruciate Ligament Reconstruction Using Low and High Femoral Tunnel Positions  
**Jong Keun Seon MD**, Sang Jin Park MD,  
Mun Su Jeong MD, Keun Bae Lee MD,  
Chan Hee Park MD, Young Hoon Park MD,  
Eun Kyoo Song MD

**CONCURRENT SESSION A:  
BALLROOM A – E — LEVEL 5**

**CONCURRENT SESSION B:  
HALL D – LEVEL 3**

- 11:50 – 11:55am Analysis of Graft Type, Age and Tegner Level with Recurrent Anterior Cruciate Ligament Instability  
Gene R. Barrett MD, **Jason A. Craft MD**, Austin Barrett MD, William H. Replogle PhD, Josie Manley BS
- 11:56 am – 12:04pm Question & Answer Session
- 12:05 – 12:34pm Scientific Session: ACL – General**  
Moderator: Darren L. Johnson MD
- 12:05 – 12:12pm **NCAA Research Award Presentation**  
Biomechanical Measures During Landing and Postural Stability Predict Second Anterior Cruciate Ligament Injury after ACL Reconstruction and Return to Sport  
**Mark V. Paterno PT, MS, SCS, ATC**, Laura C. Schmitt PT, PhD, Kevin R. Ford PhD, Mitchell J. Rauh PT, PhD, MPH, FACSM, Gregory D. Myer MS, CSCS, Bin Huang PhD, Timothy E. Hewett, PhD, FACSM
- 12:13 – 12:18pm Longitudinal Prognosis and Predictors Six Years After ACL Reconstruction Utilizing IKDC, KOOS and Marx Scales: A Multicenter Cohort Study  
**Kurt P. Spindler MD**, Laura J. Huston MS, Angel An MS, Warren R. Dunn MD, MPH
- 12:19 – 12:24pm Predictors of Radiographic Knee Osteoarthritis after Anterior Cruciate Ligament Reconstruction  
**Ryan Tianran Li BSE**, Stephan Lorenz MD, Christopher D. Harner MD, Freddie H. Fu MD, James J. Irrgang PhD, PT, AT
- 12:25 – 1:10pm Symposium: ACL Reconstruction**  
Moderator: John A. Bergfeld MD  
**Objectives:**  
Upon completion of this symposium, learners should be able to:
  - Understand the relative indications, risks, benefits and outcomes of single versus double bundle ACL reconstruction techniques
  - Understand the relative indications, risks, benefits and outcomes of autograft versus allograft tissue sources for ACL reconstruction
- 12:25 – 12:41pm Tunnels & Bundles: Point/Counterpoint  
Freddie H. Fu MD, Bernard R. Bach Jr, MD
- 12:42 – 12:58pm Graft Choice: Point/Counterpoint  
William G. Clancy Jr, MD, Peter A. Indelicato MD
- 12:59 – 1:10pm Question & Answer Session

- 11:26 – 11:31am Effect of Acetabular Labral Tears on Proprioceptive Parameters of the Human Hip Joint  
**Allston J. Stubbs MD**, David Holst BS, Benjamin L. Long BS, Beth P. Smith PhD, Martin L. Tanaka PhD
- 11:32 – 11:37am Hip Pain Referral Patterns in Patients with Labral Tears: An Analysis Based on Intra-articular Injections, Hip Arthroscopy, and a New Pain “Circle” Diagram  
**Douglas R. Arnold MD**, James S. Keene MD, Donna G. Blankenbaker MD, Arthur A. DeSmet MD
- 11:38 – 11:43am Computer-Assisted Modeling In the Diagnosis and Management of Femoroacetabular Impingement (FAI)  
**Asheesh Bedi MD**, Mark Dolan MD, Joseph Lipman MSc, Bryan T. Kelly MD
- 11:44 – 11:49am Outcomes After the Arthroscopic Treatment of Femoro-Acetabular Impingement in a Mixed Group of High Level Athletes  
**Shane J. Nho MD, MS**, Christopher Singh BA, Erin Magennis BA, Bryan T. Kelly MD
- 11:50 – 11:58am Question & Answer Session
- 11:59am – 12:24pm Scientific Session: Foot and Ankle**  
Moderator: Matthew J. Matava MD
- 11:59 am – 12:04pm Syndesmotic Ankle Sprains in Professional Football Players: Correlating MRI Appearance with Time of Disability  
**Robby Singh Sikka MD**, Gary B. Fetzter MD, Jim Maurer ATC, Eric Sugarman ATC, Michael A. Brown MD, Matthew J. Matava MD, Rick W. Wright MD, David A. Fischer MD, Joel L. Boyd MD
- 12:05 – 12:10pm Clinical Results and Functional Evaluation of the Chrisman-Snook Procedure for Lateral Ankle Instability in Athletes  
**Dennis E. Kramer MD**, Ruth Solomon Professor Emeritus, Christine Curtis BS, David Zurakowski PhD, Lyle J. Micheli MD
- 12:11 – 12:16pm Excision of Symptomatic Nonunions of Proximal Fifth Metatarsal Avulsion Fractures in Elite Athletes  
**J. David Ritchie BS**, Jonathan C. Shaver MD, Robert B. Anderson MD, Scott D. Mair MD
- 12:17 – 12:24pm Question & Answer Session
- 12:25 – 1:10pm Symposium: Update on Common In-Season Foot and Ankle Injuries – Case Based Approach**  
Moderator: Wayne J. Sebastianelli MD  
**Objectives:**  
Upon completion of this symposium, learners should be able to:
  - Understand the pathoanatomy and diagnosis of injuries to the peroneal tendons, 1st MTP joint and the 5th metatarsal
  - Understand the surgical and non-surgical techniques and indications for treatment
  - Understand issues regarding return-to-play
- 12:25 – 12:35pm Peroneus Tendinopathy & Instability  
W. Hodges Davis MD
- 12:36 – 12:46pm Turf Toe  
Richard D. Ferkel MD
- 12:47 – 12:57pm Fifth Metatarsal Fractures  
Thomas O. Clanton MD
- 12:58 – 1:10pm Question & Answer Session

**CONCURRENT SESSION B:  
HALL D – LEVEL 3**

- 11:20 – 11:58am Scientific Session: Hip – General**  
Moderator: Marc J. Philippon MD
- 11:20 – 11:25am **Excellence in Research Award Presentation**  
The Effect of Acetabular Labral Tears on Hip Stability and Labral Strain in a Joint Compression Model  
**Matthew V. Smith MD**, Hemang B. Panchal MBBS, MPH, Ramon A. Ruberte Thiele MS, Jon K. Sekiya MD

Presenters are in bold.



- 6:15am Continental Breakfast
- 6:45–8:15am Instructional Courses
- 7:30am–1:00pm Exhibits: Hall C—Level 3**
- Scientific Session: Ballroom A–E—Level 5**
- 8:30–8:51am Scientific Session**  
Moderator: Claude T. Moorman III, MD
- 8:30–8:35am **Rovere Award**  
Champ L. Baker Jr, MD
- 8:36–8:51am **AMSSM Exchange Lecture**  
Biologic Therapy of Tendon and Ligament Injuries  
Kimberly G. Harmon MD  
**Objectives:**  
Upon completion of this Exchange Lecture, learners should be able to:
  - Understand the different types of biologic treatments of tendons (tenotomy, autologous blood, and platelet rich plasma) and consider comparative effectiveness
  - Explore the differences in the make-up of PRP
  - Define the rationale for use of PRP in ligament injuries
- 8:52–9:29am Symposium: Biologics**  
Moderator: James P. Bradley MD  
**Objectives:**  
Upon completion of this Symposium, learners should be able to:
  - Understand the basic science of platelet rich plasma therapy
  - Understand the various theories of composition, cellular concentration, timing and frequency of injection in the application of plasma therapy to enhance the healing of injured tissue
  - Understand the efficacy and suggested clinical uses based on the early outcomes-based experience
- 8:52–8:59am The Basics of Platelet Rich Therapies  
Steven P. Arnoczky DVM
- 9:00–9:07am The UConn Basic Science Experience  
Augustus D. Mazzocca MD, MS
- 9:08–9:15am Clinical Update  
Brian J. Cole MD, MBA
- 9:16–9:22am Where, When, Why: The Practical Side  
James P. Bradley MD
- 9:23–9:29am Question & Answer Session
- 9:30–9:35am **Hall of Fame Award Presentation**
- 9:36–9:41am **Introduction of the AOSSM Presidential Address**  
Freddie H. Fu MD
- 9:42–10:12am **AOSSM Presidential Address**  
James R. Andrews MD
- 10:13–10:43am Break

**CONCURRENT SESSION A:  
BALLROOM A–E—LEVEL 5**

- 10:44–11:24am Scientific Session: Knee: Patellofemoral**  
Moderator: Charles A. Bush-Joseph MD
- 10:44–10:49am Results of Medial Retinaculum Imbrication Surgery for Patients with Unilateral Patellar Dislocation  
K. Donald Shelbourne MD, **Scott E. Urch MD**, Tinker Gray MA
- 10:50–10:55am Medial Patella Ligament Reconstruction, a Prospective Cohort  
Dina K. Adams BS, MSIII, Julie Agel ATC, **Elizabeth A. Arendt MD**
- 10:56–11:16am **Focus Topic: PF Instability and Arthrosis in the Athlete: Algorithms for Treatment and Return to Play**  
Thomas J. Gill IV MD (PF Instability)  
Anthony A. Schepesis MD (PF Arthrosis)  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:
  - Understand the diagnostic methods regarding the anatomic and functional parameters used in developing a treatment algorithm for PF instability and arthrosis in the athlete
  - Understand the recommended surgical methods of treatment
  - Understand the expected outcomes and issues regarding return-to-play
- 11:17–11:24am Question & Answer Session
- 11:25–11:36am Scientific Session: Knee Multi-ligament**  
Moderator: Paul D. Fadale MD
- 11:25–11:30am Fibular Collateral Ligament Anatomic Reconstructions: A Prospective Outcomes Study  
**Robert F. LaPrade MD, PhD**, Stanislav I. Spiridonov BS, Benjamin R. Coobs MD, Paul Ruckert BA, Chad J. Griffith MD
- 11:31–11:36am Anatomic Posterolateral Knee Reconstructions Require a Popliteofibular Ligament Reconstruction Through a Tibial Tunnel  
**Lars Engebretsen MD, PhD**, Mark McCarthy MD, Lawrence Camarda MD, Coen A. Wijdicks MSc, Steinar Johansen MD, Robert F. LaPrade MD, PhD
- 11:37am–12:15pm Symposium: Multi-ligament Knee Injuries Decision Making—Case Based Approach**  
Moderator: Christopher D. Harner MD  
**Objectives:**  
Upon completion of this symposium, learners should be able to:
  - Understand the various patterns, combinations, and types of damage in the multi-ligament injured knee
  - Understand the issues regarding diagnosis and timing of treatment for the various patterns of injury
  - Understand the recommended repair, reconstruction, and rehabilitation methods available for treatment
  - Understand the expected outcomes and issues regarding return-to-play
- 11:37–11:41am Introduction  
Christopher D. Harner MD
- 11:41–11:48am Christopher D. Harner MD
- 11:49–11:56am Michael J. Stuart MD
- 11:57am–12:04pm Daniel E. Cooper MD
- 12:05–12:15pm Question & Answer Session

## FRIDAY, JULY 16, 2010

### CONCURRENT SESSION B: HALL D—LEVEL 3

- 10:50–11:14am Scientific Session:** Shoulder  
Moderator: Ronald E. Glousman MD
- 10:50–10:55am Clinical Grading of Hill-Sachs Injuries: Association with Glenoid Bone Loss and Clinical Application of the “Glenoid Track” Concept—When is There Humeral Head Engagement?  
Brian Barlow MD, William Peace MD,  
**Paul K. Metzger MD**, Dominic Leonardelli MD,  
Daniel J. Solomon MD
- 10:56–11:01am Biomechanical Analysis Comparing the Modified Latarjet Procedure with a Novel Subscapularis Tenodesis Technique in a Cadaveric Anterior Shoulder Instability Model  
**Christopher C. Dodson MD**, Joshua S. Dines MD,  
Thay Q. Lee PhD, Michelle H. McGarry MS,  
Joo Han Oh MD, Ph.D, Stephen J. O’Brien MD, MBA,  
PLLC, David W. Altchek MD
- 11:02–11:07am Arthroscopic Shoulder Simulator Performance Correlates with Arthroscopic Cadaver Testing  
Kevin Martin DO, Philip J. Belmont Jr, MD,  
Michael S. Todd DO, **Brett D. Owens MD**
- 11:08–11:14am Question & Answer Session
- 11:15am–12:05pm Symposium:** Glenohumeral Instability (GH) – A Case Based Approach to Decision Making  
Moderator: James E. Tibone MD
- 11:15–11:24am First Time Dislocator  
Robert A. Arciero MD
- 11:25–11:34am Posterior Instability  
James P. Bradley MD
- 11:35–11:44am Painful Lax Shoulder  
Anthony A. Romeo MD
- 11:45–11:54am Arthroscopic versus Open—How I Decide  
James E. Tibone MD  
**Objectives:**  
Upon completion of this symposium, learners should be able to:
- Understand the major patterns and types of GH instability
  - Understand the diagnostic methods regarding the anatomic and functional features of GH instability which are used in treatment decision making
  - Understand the recommended methods of treatment of the different patterns of GH instability in the athlete
  - Understand the expected outcomes and issues regarding return-to-play
- 11:55am–12:05pm Question & Answer Session

## SATURDAY, JULY 17, 2010

- 6:15am Continental Breakfast
- 6:45–8:15am Instructional Courses
- 7:30am–1:00pm Exhibits: Hall C—Level 3  
Scientific Session: Ballroom A–E—Level 5**
- 8:25–8:36am Scientific Session:** ACL Injury Prevention  
Moderator: Bert R. Mandelbaum MD
- 8:25–8:30am Validation of a FIELD Based Prediction Tool to Identify High ACL Injury Risk Female Athletes  
**Gregory D. Myer, MS, CSCS**, Kevin R. Ford PhD,  
Jane Khoury PhD, Paul Succop PhD,  
Timothy E. Hewett PhD, FACSM
- 8:31–8:36am ACL and Knee Injury Prevention Programs for Young Athletes: Do they Work?  
**Kevin G. Shea MD**, Nathan L. Grimm BS,  
John C. Jacobs BS, Shawn Simonson EdD, MS
- 8:37–9:06am Symposium:** ACL Injury Prevention  
Moderator: Marlene DeMaio MD
- 8:37–8:47am Bridging the Gap: Combining Clinical and Research Approaches for ACL Prevention  
James A. Onate PhD, ATC
- 8:48–8:58am How Effective are ACL Prevention Programs?  
Jay Hertel PhD, ATC  
**Objectives:**  
Upon completion of this symposium, learners should be able to:
- Understand the epidemiology and population at risk for ACL injury
  - Understand the theory and basic science supporting ACL injury prevention protocols
  - Understand the evidence-based level of effectiveness of ACL injury prevention programs
- 8:59–9:06am Question & Answer Session
- 9:07–9:22am **ACSM Exchange Lecture**  
The Pre-participation Physical Examination,  
4<sup>th</sup> Edition Monograph  
Matthew Pecci MD  
**Objectives:**  
Upon completion of this exchange lecture, learners should be able to:
- Describe the changes in the new pre-participation monograph
  - Understand how these changes effect the administration and performance of the pre-participation exam
- 9:23–9:29am **Poster Awards**
- 9:30–9:35am **Thomas A. Brady Award**
- 9:36–9:51am **Traveling Fellows Presentation**  
Marc R. Safran MD
- 9:52–9:57am **Introduction of Presidential Guest Speaker**  
James R. Andrews MD
- 9:58–10:28am **Presidential Guest Speaker**  
Dale Brown
- 10:29–10:39am **Robert E. Leach MD Mr. Sports Medicine Award**
- 10:40–10:45am **Presidential Medallion Exchange**
- 10:46–11:01am **Second Business Meeting (MEMBERS ONLY)**
- 11:02–11:31am Break

SATURDAY, JULY 17, 2010

## CONCURRENT SESSION A: BALLROOM A-E—LEVEL 5

- 11:32–12:10pm Scientific Session: Articular Cartilage**  
Moderator: Brian J. Cole MD, MBA
- 11:32–11:37am Return to Athletics After Fresh Osteochondral Allografting Procedures  
**Catherine M. Robertson MD**, Russell F. Warren MD, Scott A. Rodeo MD, Thomas L. Wickiewicz MD, Riley J. Williams III, MD
- 11:38–11:43am In Vivo Assessment of Incorporation of Bone Graft Substitute Plugs In Osteoarticular Autograft Transplant Surgery  
**Mark Robert Adams MD**, Robin M. Gehrman MD, Christopher Bibbo MD, Jason P. Garcia MD, Robert G. Najarian MD, Deepak V. Patel MD
- 11:44–11:50am Emerging Technology Poster Abstracts  
Brian J. Cole MD, MBA
- 11:51am–12:01pm **Focus Topic: Chondral Repair with and without Malalignment in Athletes**  
Annunziato Amendola MD  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:
- Understand the presentation and functional limitations of athletes with chondral damage of the knee
  - Understand how issues of malalignment may impact decision making and the treatment algorithm
  - Understand the recommended chondral repair and reconstructive techniques in the athlete's knee
  - Understand expected results and issues regarding return-to-play
- 12:02–12:10pm Question & Answer Session
- 12:11–12:28pm Scientific Session: Meniscus**  
Moderator: Riley J. Williams III, MD
- 12:11–12:16pm Medial Joint Space Narrowing Following ACL Reconstruction and Partial Medial Meniscectomy  
**Karen K. Briggs MPH, MBA**, William G. Rodkey DVM, J. Richard Steadman MD
- 12:17–12:22pm Long-Term Evaluation of Lateral Meniscus Posterior Horn Avulsion Tears Left In-Situ at the Time of Anterior Cruciate Ligament Reconstruction  
**K. Donald Shelbourne MD**, Troy A. Roberson MS, Tinker Gray MA
- 12:23–12:28pm Minimum Ten-Year Analysis of Red-White Longitudinal Meniscus Repairs Using 3T MRI and Clinical Parameters  
Frank R. Noyes MD, **Hollis G. Potter MD**, Ryan Chih Yun Chen MD, Sue D. Barber Westin BS
- 12:29–12:40pm Scientific Session: Meniscus—Basic Science**  
Moderator: Edward M Wojtys MD
- 12:29–12:34pm Effects of Serial Sectioning and Repair of Radial Tears in the Lateral Meniscus  
**Gabriella E. Ode BS**, Samuel McArthur MD, Geoffrey S. Van Thiel MD, MBA, James Kercher MD, Justin Dishkin-Paset BSE, Elizabeth Shewman MS, Vincent Wang PhD, Brian J. Cole MD, MBA
- 12:35–12:40pm **Herodius Award Presentation**  
The Protective Effect of the Torn Meniscus on Adjacent Cartilage  
**Andrew Douglas Kersten MD**, Heather Aho BS, Kenneth A. Jurist MD, Joseph H. Guettler MD
- 12:41–12:52pm **Update: Meniscal Transplantation 2010**  
Scott A. Rodeo MD  
**Objectives:**  
Upon completion of this update, learners should be able to:
- Understand the basic science regarding the major available compounds and tissues used in meniscal transplantation
  - Understand indications, contraindications and recommended surgical techniques for meniscal transplantation
  - Understand the expected outcomes in the athlete and issues regarding return-to-play
- 12:53–1:05pm Question & Answer Session
- 1:06–1:11pm **Systematic Review Award**  
Generalized Joint Hypermobility and Risk of Lower Limb Injury During Sports: A Systematic Review  
Verity Pacey BAS, Leslie L. Nicholson PhD, Roger D. Adams PhD, Joanne Munn PhD, Craig F. Munns MBBS, PhD, FRACP
- 1:12–1:17pm **Hughston Award Presentation**  
Minimum 10-Year Results after Anterior Cruciate Ligament Reconstruction: How the Loss of Normal Knee Motion Compounds other Factors Related to the Development of Osteoarthritis after Surgery  
K. Donald Shelbourne MD, Tinker Gray MA



Presenters are in bold.

SATURDAY, JULY 17, 2010

## CONCURRENT SESSION B: HALL D – LEVEL 3

- 11:32 – 12:26pm Scientific Session: Rotator Cuff and Biceps**  
Moderator: Stephen J. O'Brien MD
- 11:32 – 11:37am **Predicting Patient Outcome of Non-Operative Treatment for a Chronic Rotator Cuff Tear**  
Kristie D. More MSc, Dianne Bryant PhD, Kelly Brett MD, Robert M. Hollinshead MD, FRCSC, Ian K.Y. Lo MD, FRCSC, Preston Wiley MD, **Nicholas G.H. Mohtadi MD, MSc, FRCSC**, Richard S. Boorman MD, MSc
- 11:38 – 11:43am **O'Donoghue Sports Injury Research Award**  
**When Do Rotator Cuff Repairs Fail? Serial Ultrasound Examination After Arthroscopic Repair of Large and Massive Rotator Cuff Tears**  
**Bruce S. Miller MD, MS**, Brian K. Downie PA-C, MS, Robert B. Kohen MD, Theresa G. Kijek BS, Bryson P. Lesniak MD, Jon A. Jacobson MD, James E. Carpenter MD
- 11:44 – 11:49am **Platelet-Rich Fibrin Membrane in Arthroscopic Rotator Cuff Repair: A Prospective, Randomized Study**  
**Jeffrey I. Kauffman MD**, Stephen D. Katz MD, Sophia Weber, Carol Parise PhD, Stephen C. Weber MD
- 11:50 – 11:55am **Arthroscopic Evaluation and Treatment of Biceps Brachii Long Head Tendon Injuries: A Survey of the MOON Shoulder Group**  
**Timothy Lee Miller MD**, Grant L. Jones MD, John E. Kuhn MD, James L. Carey MD, Charles L. Cox III MD, Brian R. Wolf MD, MS, C. Benjamin Ma MD, Armando F. Vidal MD, Julie Y. Bishop MD, Rick W. Wright MD
- 11:56am – 12:01pm **Aircast Award for Clinical Science Presentation**  
**Subjective Outcomes, Isokinetic Strength, and Endurance Following Biceps Tenotomy versus Tenodesis**  
**Jocelyn Ross Wittstein MD**, Robin Queen PhD, Alicia Abbey BS, ATC, Alison P. Toth MD, Claude T. Moorman III, MD
- 12:02 – 12:10pm Question & Answer Session
- 12:11 – 12:18pm **Focus Topic: How I Use Currently Available Techniques to Enhance the Biology of My Cuff Repairs**  
Stephen S. Burkhart MD  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:  
  - Understand the biology of cuff healing
  - Understand the indications and options to enhance the biology of healing
- 12:19 – 12:26pm **Focus Topic: The Sick Anterior Cuff: How I Manage the Damaged Rotator Cuff Interval, Subscapularis and Biceps**  
Laurence D. Higgins MD  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:  
  - Understand the patterns of injury and dysfunction associated with tears of the anterior rotator cuff in the athlete
  - Understand the treatment algorithm and surgical techniques recommended for the damaged biceps, labral anchor and anterior cuff in the athlete
  - Understand the expected outcomes and issues regarding return-to-play
- 12:27 – 1:06pm Scientific Session: AC Joint**  
Moderator: Christopher S. Ahmad MD
- 12:27 – 12:32pm **A Biomechanical Comparison of Coracoclavicular Ligament Reconstructive Techniques**  
Kristen Thomas MD, Alan Litsky MD, PhD, Grant L. Jones MD, **Julie Bishop MD**
- 12:33 – 12:38pm **The Effect of Distal Clavicle Excision on In Situ Graft Forces in Coracoclavicular Ligament Reconstruction**  
**Marc S. Kowalsky MD**, Ian J. Kreminic MEng, Karl F. Orishimo PhD, Malachy P. McHugh PhD, Stephen J. Nicholas MD, Steven J. Lee MD
- 12:39 – 12:44pm **Anatomic Acromioclavicular Reconstruction with Tibialis Anterior Tendon Allograft: Technique and Preliminary Outcomes**  
Bradley C. Register MD, Marilee P. Horan MPH, Ryan P. Kunkel BS, **Peter J. Millett MD, MSc**
- 12:45 – 12:55pm **Focus Topic: Controversies: In Season AC Joint Injuries – Treatment and Return to Play**  
Theodore F. Schlegel MD  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:  
  - Understand the diagnosis of the various patterns of AC joint injury and dysfunction in the athlete
  - Understand the expected outcomes and issues regarding return-to-play
- 12:56 – 1:06pm Question & Answer Session
- 2:00 – 4:00pm YOUNG SPORTS MEDICINE SPECIALISTS' WORKSHOP**  
**How to Set Up a Successful Sports Medicine Practice – Pearls and Pitfalls**  
Moderator: William N. Levine MD

## SUNDAY, JULY 18, 2010

7:15am	Continental Breakfast	9:11–9:16am	Contained versus Uncontained Lesions in Juvenile Elbow Osteochondritis Dissecans <b>Lewis L. Shi MD</b> , Donald S. Bae MD, Peter M. Waters MD, Mininder S. Kocher MD, MPH, Lyle J. Micheli MD
<b>8:06–8:27am</b>	<b>Scientific Session: Ballroom A–E, Level 5</b> Moderator: Neal S. ElAttrache MD	9:17–9:38am	<b>Focus Topic: Osteochondritis Dissecans</b> Moderator: Neal S. ElAttrache MD <b>Objectives:</b> Upon completion of this focus topic, learners should be able to: <ul style="list-style-type: none"> <li>➤ Understand the pathology, etiology and natural history of OCD of the elbow and knee</li> <li>➤ Understand the issues involved in treatment decision making in OCD of the elbow and knee</li> <li>➤ Understand the various recommended techniques and outcomes of treatment for OCD</li> </ul>
8:06–8:11am	<b>NATA Exchange Lecture</b> Biomechanical Factors Associated with Running-related Injuries Reed Ferber PhD, CAT (C), ATC <b>Objectives:</b> Upon completion of this Exchange Lecture, learners should be able to: <ul style="list-style-type: none"> <li>➤ Discuss relevant biomechanical and clinical factors related to the aetiology of running-related knee injuries</li> <li>➤ Discuss practical and effective evidence-based prevention and rehabilitation interventions</li> <li>➤ Provide an overview of the future of biomechanical and clinical research aimed at reducing the incidence of running-related injuries</li> </ul>	9:17–9:22am	How I Handle OCD in the Elbow Felix H. Savoie III, MD
<b>8:12–8:27am</b>	<b>Symposium: Interpreting the Literature to Impact Your Practice</b> Kurt P. Spindler MD <b>Objectives:</b> Upon completion of this symposium, learners should be able to: <ul style="list-style-type: none"> <li>➤ Understand the level of evidence categories and how they are applied to scientific publications</li> <li>➤ Understand how to efficiently identify strengths and weaknesses of scientific publications based upon presence or absence of controls, randomization, bias, power analysis, etc.</li> <li>➤ Understand the major outcome scoring systems and how to practically apply these outcomes to patient practice</li> </ul>	9:23–9:28am	How I Handle OCD in the Knee Andreas H. Gomoll MD
<b>8:28–9:38am</b>	<b>Scientific Session: Injuries in the Young Athlete</b> Moderator: Jeffrey R. Dugas MD	9:29–9:38am	Question & Answer Session
8:28–8:33am	Decision and Cost Analysis for Early versus Delayed Reconstruction of Pediatric ACL Rupture Suneel B. Bhat MPhil (Cantab), Wajdi Kanj BS, J. Todd R. Lawrence MD, PhD, <b>Theodore J. Ganley MD</b>	<b>9:39–11:30am</b>	<b>Baseball Sports Medicine</b>
8:34–8:39am	MRI Evaluation of the Medial Patellofemoral Ligament (MPFL) After Acute Patellar Dislocation in Children Christopher K. Kepler MD, Eric Bogner MD, <b>Sommer Hammoud MD</b> , Daniel W. Green MD, Hollis G. Potter MD	<b>9:39–10:40am</b>	<b>Scientific Session: Thrower's Shoulder</b> Moderator: E. Lyle Cain Jr, MD
<b>8:40–9:10am</b>	<b>Symposium: Reconstruction of the Pediatric Knee</b> Moderator: George A. Paletta Jr, MD <b>Objectives:</b> Upon completion of this symposium, learners should be able to: <ul style="list-style-type: none"> <li>➤ Understand the injury patterns and natural history of knee injuries specifically regarding the pediatric knee</li> <li>➤ Understand treatment decision making and surgical techniques used to address injuries in patient with open growth plates</li> <li>➤ Understand the treatment outcomes and issues regarding return to sports</li> </ul>	9:39–9:44am	Effect of Scapular Orientation on Internal Impingement of the Shoulder: A Cadaveric Study <b>Teruhisa Mihata MD, PhD</b> , Bong Jae Jun MS, Christopher Bui BS, James Hwang MS, Michelle H. McGarry MS, Mitsuo Kinoshita MD, PhD, Thay Q. Lee PhD
8:40–8:49am	George A. Paletta Jr, MD	9:45–9:50am	Professional Pitchers with a History of SLAP Repair Have Less Glenoid Retroversion <b>Brett A. Sweitzer MD</b> , Charles A. Thigpen PT, PhD, ATC, Ellen Shanley PT, OSC, CSCS, Gregory Stranges MD, Jeff Wienke MD, Troy Storey MD, Thomas John Noonan MD, Richard J. Hawkins MD, FRCSC, Douglas J. Wyland MD
8:50–8:59am	Mininder S. Kocher MD, MPH	9:51–9:56am	Three Dimensional Scapular Kinematics Are Altered in the Throwing Shoulder of Asymptomatic Professional Baseball Pitchers <b>Amee L. Seitz PT, DPT, MS</b> , Charles A. Thigpen PT, PhD, Michael M. Reinold PT, DPT, Thomas J. Gill IV, MD
9:00–9:10am	Allen F. Anderson MD	9:57–10:05am	<b>Update: How I Handle Partial Thickness Rotator Cuff Tears in Throwers</b> John E. Conway MD <b>Objectives:</b> Upon completion of this update, learners should be able to: <ul style="list-style-type: none"> <li>➤ Understand the injury patterns, etiology and natural history of partial thickness cuff tears in the throwing shoulder</li> <li>➤ Understand the issues involved in treatment of decision making for cuff tears in throwers</li> <li>➤ Understand surgical techniques, rehabilitation and outcomes of treatment</li> </ul>
		10:06–10:11am	SLAP Lesions of the Shoulder: Incidence Rates, Complications, and Outcomes as Reported by ABOS Part II Candidates <b>Stephen C. Weber MD</b> , David F. Martin MD, Soheil Payvandi MD, John J Harrast PhD

SUNDAY, JULY 18, 2010

- 10:12–10:17am **Reproducibility and Reliability of the Snyder Classification of SLAP Lesions Among Shoulder Surgeons**  
Xiaofeng Jia MD, PhD, Atsushi Yakota MD, PhD, Eric C. McCarty MD, Gregory P. Nicholson MD, Stephen C. Weber MD, Patrick J. McMahon MD, Warren Reid Dunn MD, MPH, **Edward G. McFarland MD**
- 10:18–10:23am **Results of Arthroscopic Repair of Type II SLAP Repairs in Overhead Athletes: Assessment of Return to Pre-Injury Throwing Level and Satisfaction**  
Brian Reiter MD, **Brian Neuman MD**, Steven B. Cohen MD, Michael G. Ciccotti MD
- 10:24–10:29am **Focus Topic: Evaluation & Treatment of Superior Labral Tears: Which Do I Fix? Expectations for Return to Play**  
David W. Altchek MD  
**Objectives:**  
Upon completion of this focus topic, learners should be able to:
  - > Understand the injury patterns, etiology pathomechanics related to tears of the superior labrum in throwers
  - > Understand the issues involved in surgical decision making with regard to superior labral tears in throwers
  - > Understand the surgical techniques, rehabilitation and expected outcomes of treatment for superior labral tears
- 10:30–10:40am Question & Answer Session
- 10:41–11:28am Scientific Session: Baseball – General**  
Moderator: Michael G. Ciccotti MD
- 10:41–10:46am **Epidemiology of Major League Baseball Injuries**  
**Matthew Posner MD**, Philip J. Belmont Jr, MD, Jennifer Moriatis Wolf MD, Sally Mountcastle PhD, Brett D. Owens MD
- 10:47–10:52am **Evaluation of a Strength and Conditioning Program on Performance Variables of Youth Baseball Players**  
**Adam Popchak DPT, MS, SCS, CSCS**, Brian F. Hagen DPT, MS, OCS, FAAOMPT, Colleen Rosensteel MESS, CSCS, James J. Irrgang PhD, PT, ATC, Christopher D. Harner MD
- 10:53–10:58am **Comparison of Lower Extremity Kinematics Between Adolescent Pitchers Throwing with Low versus High Ball Velocity**  
Matthew D. Milewski MD, **Carl W. Nissen MD**, Melany Westwell MS, PT, Sylvia Ounpuu MSc, Matthew Solomito BSBE
- 10:59–11:04am **The Association of Maximum Pitch Velocity and Elbow Injury in Professional Baseball Pitchers**  
Brandon DuBose Bushnell MD, **Adam William Anz MD**, Thomas J. Noonan MD, Michael R. Torry PhD, Richard J. Hawkins MD, FRCSC

- 11:05–11:17am **Update: Translational Research on Youth Baseball Injuries: Application to Your Practice and Recommendations to the Public**  
Orr Limpisvasti MD, Glenn S. Fleisig PhD  
**Objectives:**  
Upon completion of this update, learners should be able to:
  - > Understand the evolving scientific information regarding injury patterns, predisposing factors and natural history of injuries in youth baseball
  - > Understand the basis for recommendations regarding player development and injury prevention
  - > Understand current recommendations for players, parents and coaches regarding injury prevention in youth baseball
- 11:18–11:28am Question & Answer Session
- 11:30am Conference Adjourns

