5th Annual New England Sports & Orthopedic Rehabilitation Summit

Advances in Anterior Cruciate Ligament (ACL) Surgery, Rehabilitation, & Injury Prevention

Saturday, April 1, 2017
Warren Alpert Medical School
Providence, RI

Jointly Provided By

BROWN
Alpert Medical School

UNIVERSITY ORTHOPEDICS
Healers. Innovators. Teachers.
Program Description
The New England Sports and Orthopedic Rehabilitation Summit 2017: Advances in Anterior Cruciate Ligament (ACL) Surgery, Rehabilitation, and Injury Prevention is a one day conference targeting physical therapists, physical therapy assistants, athletic trainers, nurses, chiropractors, medical students, primary care physicians, and orthopedic/sports medicine physicians. Evidence for optimal surgical and post-operative ACL injury management, and prevention of ACL injury is constantly evolving. Understanding and integrating this evidence is crucial to achieving optimal patient outcomes. This course will provide a comprehensive overview of current and emerging evidence detailing surgical, rehabilitation, and prevention considerations with ACL injury. This program will feature an integrated format combining lectures, open panel discussion, and hands-on breakout workshop sessions offering opportunities for application and detailed exploration of presented concepts.

Target Audience

Learning Objectives
At the conclusion of this activity participants should be able to:
• Describe proposed factors influencing successful return to preinjury level of sports/recreation participation
• Identify evidence and risk factors contributing to reinjury following ACLR
• Discuss surgical considerations with ACLR, ACLR revision, and concomitant articular cartilage injury and subsequent influence on post-operative outcomes and rehabilitation planning

Saturday, April 1, 2017
7:00–7:50 AM Registration, Breakfast & Visit Exhibitors
12:20–1:05 Lunch II OR Attend Breakout Session 3
7:50–7:55 Opening Remarks
Daniel Bien, MSPT, OCS, CSCS
Thomas Dubuque, PT, MSPT, SCS, CSCS
David Pezzullo, MS, PT, SCS, ATC
1:05–1:35 Neuroscience Approach to ACLR
Dustin R. Grooms, PhD, ATC, CSCS
7:55–8:25 ACLR Overview
Paul D. Fadale, MD
1:35–2:05 ACLR Retear and Reinjury Rehabilitation Considerations
Mark V. Paterno, PT, PhD, MBA, SCS
8:25–8:55 ACLR Revision
Michael J. Hulstyn, MD
8:55–9:25 ACLR and Articular Cartilage/Meniscal Considerations
Brett D. Owens, MD
2:05–2:35 Late Stage ACLR Deficits—Restoring Strength and Power *
Daniel S. Lorenz, DPT, PT, LAT, CSCS
9:25–9:45 Break and Visit Exhibitors
2:35–3:05 How to Build Bulletproof Knees *
Mike Robertson, MS, CSCS, USAW
9:45–10:15 Pediatric ACLR Considerations & Update
Aristides I. Cruz, Jr., MD
3:05–3:15 Panel Discussion
10:15–10:35 Advances in ACLR—Future Surgical and Bioengineering Horizons
Braden Fleming, PhD
3:20–4:20 Concurrent Breakout Sessions 4–6
10:35–11:05 Psychological Concerns and Care During ACLR Injury and Rehabilitation
Adam H. Naylor, EdD, CC-AASP
4. Neuroscience Application With ACL
Dustin R. Grooms, PhD, ATC, CSCS
5. ACL Reinjury Prevention Training *
Mark V. Paterno, PT, PhD, MBA, SCS
11:05–11:25 Break and Visit Exhibitors
6. Durable Athletic Training *
Mike Robertson, MS, CSCS, USAW
11:25–11:35 Panel Discussion
11:35–12:20 PM Lunch I OR Attend Breakout Sessions 1 or 2
1. Comprehensive Knee Examination
J. Kristopher Ware, MD, DPT, MS
4:20 PM Adjourn
2. Imaging for ACL/Knee
Peter T. Evangelista, MD
* Content is appropriate for strength & conditioning professionals.
5th Annual New England Sports & Orthopedic Rehabilitation Summit
Advances in Anterior Cruciate Ligament (ACL) Surgery, Rehabilitation, and Injury Prevention

Course Directors

Daniel Bien, MSPT, OCS, CSCS*
Clinical Coordinator, PT Education

Thomas Dubuque, PT, MSPT, SCS, CSCS*
Sports Clinical Specialist

David Pezzullo, MS, PT, SCS, ATC*
Director, Physical Therapy

Conference Faculty

Aristides I. Cruz, Jr., MD*
Assistant Professor of Orthopaedics
Warren Alpert Medical School of Brown University
Rhode Island Hospital and Hasbro Children’s Hospital
University Orthopedics, Inc. | Providence, RI

Peter T. Evangelista, MD
Associate Professor of Diagnostic Imaging (Clinical)
Warren Alpert Medical School of Brown University
Director of Musculoskeletal Radiology
Rhode Island Hospital
Rhode Island Medical Imaging | Providence, RI

Paul D. Fadale, MD*
Professor of Orthopedics | Warren Alpert Medical School
Chief, Division of Sports Medicine
Sports Medicine Fellowship Director
Rhode Island Hospital
Rhode Island Medical Imaging | Providence, RI

Braden C. Fleming, PhD*
Lucy Lippitt Professor of Orthopedics
Warren Alpert Medical School of Brown University
Professor of Engineering
Brown University
Rhode Island Hospital | Providence, RI

Dustin R. Grooms, PhD, ATC, CSCS
Assistant Professor, Division of Athletic Training
School of Applied Health Sciences and Wellness
College of Health Sciences and Professions
Ohio Musculoskeletal and Neurological Institute
Ohio University | Athens, OH

Michael J. Hulstyn, MD*
Associate Professor of Orthopedics
Warren Alpert Medical School
Rhode Island Hospital & The Miriam Hospital | Providence, RI

Daniel S. Lorenz, DPT, PT, LAT, CSCS
Co-Owner, Director of Physical Therapy
Specialists in Sports and Orthopedic Rehabilitation
Overland Park, KS
Rehabilitation Consultant
Mid-America Nazarene Athletics
Rockhurst University Athletics
Chair, Sports Performance Enhancement SIG Sports Section

Adam H. Naylor, EdD, CC-AASP
Clinical Assistant Professor of Sport Psychology
Boston University School of Education
Director
Mental Game Northeastern University Sports Performance
Player Development Consultant
Telos Sport Psychology Coaching (SPC) | Boston, MA

Brett D. Owens, MD*
Professor of Orthopedics
Warren Alpert Medical School of Brown University
Rhode Island Hospital | Providence, RI

Mark V. Paterno, PT, PhD, MBA, SCS
Professor, Division of Sports Medicine
Acting Scientific Director
Division of Occupational Therapy & Physical Therapy
Cincinnati Children’s Hospital Medical Center
University of Cincinnati College of Medicine | Cincinnati, OH

Mike Robertson, MS, CSCS, USAW
President, Robertson Training Systems
Co-Owner, Indianapolis Fitness and Sports Training
Indianapolis, IN

J. Kristopher Ware, MD, DPT, MS
Sports Fellow | Warren Alpert Medical School
Rhode Island Hospital & The Miriam Hospital | Providence, RI

Planning Committee

Daniel Bien, MSPT, OCS, CSCS
Thomas Dubuque, PT, MSPT, SCS, CSCS
David Pezzullo, MS, PT, SCS, ATC

Maria Sullivan, BS
Director of Continuing Medical Education
Warren Alpert Medical School
Providence, RI

*Affiliated with University Orthopedics, Inc. in their offices located in Providence, East Greenwich, and Middletown, RI.
**Registration Information**

Register online at:
https://apps.biomed.brown.edu/cme_registration

Conference registration fee includes:
Breakfast, breaks, lunch, access to an online syllabus, and complimentary on-site parking.

**Registration Fees**

*Before March 3*

- $225.00  Physicians & Chiropractic Physicians
- $200.00  Physical Therapists, Physical Therapy Assistants, and Occupational Therapists
- $150.00  Athletic Trainers, Strength and Conditioning Professionals
- $100.00  Other Healthcare Professionals and Students

*After March 3*

- $250.00  Physicians & Chiropractic Physicians
- $225.00  Physical Therapists, Physical Therapy Assistants, and Occupational Therapists
- $175.00  Athletic Trainers, Strength and Conditioning Professionals
- $125.00  Other Healthcare Professionals and Students

**Cancellation Policy**

Cancellations/substitutions must be made in writing to the Brown CME Office at least two weeks prior to the conference, no later than March 17, 2016. A $25.00 administrative fee will be charged for all refunds (no refunds for “no shows”). There will be no additional charge for substitutions. This conference is subject to change or cancellation.

Please notify the Brown CME Office in writing at least two weeks prior to the conference to request reasonable accommodations.

**Conference Location and Parking**

The Warren Alpert Medical School of Brown University
222 Richmond Street, Providence, RI 02912

Parking will be available in the parking garage adjacent to the Medical Building (333 Eddy St. on Google Maps). Upon entering, please take a ticket from the machine. You may park on any level of the garage & can exit using either the Eddy or Elm Street exits.

**For More Information**

Contact the Brown CME Office
233 Richmond St., G-R156, Providence, RI 02912
P: 401-863-2871 | F: 401-863-2202 | Email: CME@Brown.edu

**CME Accreditation**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Warren Alpert Medical School of Brown University and University Orthopedics, Inc. The Warren Alpert Medical School of Brown University is accredited by the ACCME to provide continuing medical education for physicians.

**Credit Designation**

Physicians: The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Athletic Trainers: Warren Alpert Medical School of Brown University (BOC AP#: P8573) is approved by the Board of Certification, Inc. to provide continuing education to Athletic Trainers. This program is eligible for a maximum of 7.0 Category A hours/CEUs. ATs should claim only those hours actual spent in the educational program.

Chiropractic Physicians: This conference is approved for Continuing Education Credits. Chiropractic Physicians will receive a Certificate of Attendance for up to 7.0 hours.

Osteopathic Physicians: This conference is approved through the American Osteopathic Association for 7.0 credits of AOA Category 2-A CME. Osteopathic Physicians will receive a Certificate of Attendance verifying their participation.

Physician Assistants/Nurse Practitioners: Participants will receive a Certificate of Attendance stating this program is designated for 7.0 hours AMA PRA Category 1 Credits™. This credit is accepted by the AAPA and AANP.

Physical Therapists/Physical Therapy Assistants: The Warren Alpert Medical School Office of Continuing Medical Education is approved by the Rhode Island Board of Physical Therapy to offer CE programs for physical therapists. Physical therapist participants will receive a Certificate of Attendance for up to 7.0 hours.

Strength & Conditioning Professionals: NSCA Certification Executive Council approved 0.3 CEU(s) for CSCS & NSCA-CPT certified individuals attending this event. Approval #L1182.

Other Professionals: Please contact the Brown University Office of Continuing Medical Education for other credit designation approvals at 401-863-2871 or contact us at CME@brown.edu.

**Register online at:**

HTTPS://APPS.BIOMED.BROWN.EDU/CME_REGISTRATION