19th Annual AAOS/AOSSM/AANA Sports Medicine Course
January 31 – February 4, 2018; Park City, Utah

The AAOS, American Orthopaedic Society for Sports Medicine (AOSSM) and Arthroscopy Association of North America (AANA) extends sincere appreciation to the following companies for an educational grant in support of this program.

**Grants**

JRF Ortho (Silver Level)
Vericel Corporation (Silver Level)
Zimmer Biomet (Silver Level)
Arthrex (Bronze Level)

**Spotlight Sessions**

AlloSource
Arthrex
Flexion Therapeutics

**In-Kind Support**

Sonosite
19th Annual AAOS/AOSSM/AANA Sports Medicine Course:
Keeping Patients Active Through Biologics, Therapy and Contemporary Surgical Techniques #3385
January 31-February 4, 2018. Park City, UT
Course Director: Brian J. Cole, MD, MBA
Co-Directors: CAPT (Ret) Matthew T. Provencher, MD, MC, USNR, Kevin E. Wilk, PT, DPT, FAPTA

January 22, 2018
CME Credit: 19 plus 2.5 for ultrasound session
Content and faculty subject to change

WEDNESDAY EVENING, JANUARY 31

2:00-3:15pm  Registration (Kokopelli Ballroom Foyer)
       Refreshments with Exhibitors

3:15-3:45  FLEXION THERAPEUTICS SPOTLIGHT SESSION*: (Kokopelli Ballroom)
       A Review of Zilretta™ - (Triamcinolone Acetonide Extended-release Injectable Suspension)
       Newly Approved for Osteoarthritis (OA) Knee Pain.
       Scott Kelley, M.D.

3:45-4:00  Beverage Break with Exhibitors (Kokopelli Ballroom Foyer and Parlor 1)

4:00-4:05  Welcome and Introduction (Kokopelli Ballroom)
       Drs. Cole, Provencher, and Kevin E. Wilk, PT, DPT, FAPTA

ANTERIOR CRUCIATE INJURIES
Moderator: Matthew T. Provencher, MD

4:05-4:20  The ACL in 2018: Where Are We Now?
       James R. Andrews, MD

4:20-4:30  ACL Debate: ACL Allograft vs ACL Autografts: Allografts are good…Autografts are the best!
       • ACL Allograft (5 Minutes): Nicholas A. Sgaglione, MD
       • ACL Autograft (5 Minutes): Darren L. Johnson, MD

4:30-4:45  Video Vignette:
       • Quadriceps Tendon: Alan Getgood, MD
       • The Lateral Side: Extra-Articular Reconstruction: Alan Getgood, MD

4:45-4:55  Top 10 Key Concepts to Ensure Successful ACL Rehabilitation and Return to Play
       Kevin E. Wilk, PT, DPT, FAPTA

4:55-5:10  Audience Questions and Answers

5:10-6:00  Faculty/Participant Case Presentations/Discussions:
       Moderator: James R. Andrews, MD and Alan Getgood, MD
       Panel: Drs. Cole, Maak, Provencher, Johnson, Sgaglione, Wilk

6:00-6:30  Refreshments/Beverages with Exhibitors and Faculty (Kokopelli Ballroom Foyer and Parlor 1)

* The Industry Spotlight Session is Non-CME. Views and Products Are Not Endorsed by AAOS, AOSSM, or AANA
POSTERIOR CRUCIATE AND COLLATERAL LIGAMENT INJURIES
Moderator: Alan Getgood, MD

6:30-6:45 Complex Ligament Injury Management: PCL, PLC and MCL (Kokopelli Ballroom)
Darren L. Johnson, MD

6:45-7:00 Key Note: The Athlete and Cartilage Repair: Decision-Making
Brian J. Cole, MD

7:00-7:15 Audience Questions and Answers

7:15-7:35 Participants/Faculty Case Review of Pre-Course Cases Submitted
Panel: Drs. Andrews, Cole, Johnson, Maak, Provencher, Sgaglione, Wilk

7:35-7:55 Live Patient Presentation and Panel Discussion
Decision Making in the Patient with an ACL Tear
Travis G. Maak, MD

7:55-8:35 Faculty/Participant Presentations/Discussions
Moderator: Alan Getgood, MD and Darren L. Johnson, MD
Panel: Drs. Andrews, Cole, Maak, Provencher, Sgaglione, Wilk

8:35 pm Adjourn for the Evening
THURSDAY MORNING, FEBRUARY 1

6:30-6:55am Power Breakfast/Exhibits (*Kokopelli Ballroom Foyer and Parlor 1*)

6:55-7:00 Announcements (*Kokopelli Ballroom*)
Matthew T. Provencher, MD

THE ATHLETE’S SHOULDER
Moderator: Matthew T. Provencher, MD

7:00-7:15 Key Note Lecture:
My Top 10 Rehabilitation Principles for the Young Injured Shoulder
Kevin E. Wilk, PT, DPT, FAPTA

7:15-7:25 Anterior Instability Repair: Arthroscopic-Top 10 Pearls
Eric C. McCarty, MD

Debate: I Don’t Want to Fail: The Collision Athlete with a First-Time Dislocation
7:25-7:30 Do a Latarjet  Christopher S. Ahmad, MD
7:30-7:35 Do it Arthroscopically  Mark H. Getelman, MD

7:35-7:45 SLAP and Biceps: Decision-Making
Alan S. Curtis, MD

7:45-8:05 Beverage Break with Exhibitors and Faculty (*Kokopelli Ballroom Foyer and Parlor 1*)

8:05-8:25 Live Case Presentation: Shoulder
Moderator: Matthew T. Provencher, MD
Panel Drs. Curtis, McCarty, Verma, Wilk

8:25-8:40 Audience Questions and Answers  (*Kokopelli Ballroom*)

8:40-9:30 Faculty/Participant Case Presentations: Instability, SLAP and Biceps
Moderator: Alan S. Curtis, MD
Panel: Drs. Ahmad, Getelman, McCarty, Provencher, Wilk

9:30 Adjourn Recreational Time
THURSDAY AFTERNOON, FEBRUARY 1

2:45-3:05pm Refuel Refreshments with Exhibitors

3:05-4:05 REHABILITATION FOCUS SESSION *(Kokopelli Ballroom)*
- Rehab following Articular Cartilage Procedures
- Rehab of Tendinopthies
- SLAP Lesion Rehab
- Rehab of Scapular Dyskinesis
- Criteria to Return to Play After ACL Injury/Surgery; What's the Evidence Indicate
  *Kevin E. Wilk, PT, DPT, FAPTA*

4:05-4:10 Beverage Break *(Kokopelli Ballroom Foyer and Parlor 1)*

THURSDAY EVENING, FEBRUARY 1

4:10-4:15 Announcements *(Kokopelli Ballroom)*
  *Brian J. Cole, MD, MBA*

TEAM PHYSICIAN AND SPORTS MEDICINE
Moderator: *Kevin E. Wilk, PT, DPT, FAPTA*

4:15-4:25 Pre-participation Physical: Top 5 Most Important Things NOT to Miss
  *Jason L. Dragoo, MD*

4:25-4:35 Pain Management in the Locker Room
  *Eric C. McCarty, MD*

4:35-4:45 Concussion Management in 2018
  *Steven B. Cohen, MD*

4:45-4:55 Getting the Athlete Back to Sport: Beyond the Injury
  *James R. Andrews, MD*

THE BUSINESS OF MEDICINE
Moderator: *Brian J. Cole, MD, MBA*

4:55-5:10 Establishing Ancillaries in Your Practice: PT, DME, Pharmacy, Surgicenter and More
  *Nikhil N. Verma, MD*

5:10-5:20 Implementation and Best Practices: The Physician Extender
  *Kyle Pilz, PA*

5:20-5:50 Practice Management Strategies – What Has Worked for Me
  Injection Therapy, Ultrasound, IME/Workers Comp, Branding, Social Media
  Moderator: *Steve B. Cohen, MD*
  Panel: *Drs Cole, Verma, Kyle Pilz*

5:50-6:05 Audience Questions and Answers

6:05 Adjourn for the Evening
FRIDAY MORNING, FEBRUARY 2

6:30-6:55am Power Breakfast/Exhibits

6:55-7:00 Announcements (Kokopelli Ballroom)
Kevin E. Wilk, PT, DPT, FAPTA

COMPLEX INSTABILITY (POSTERIOR, MULT-DIRECTIONAL AND FAILURE)
Moderator: Matthew T. Provencher, MD (Kokopelli Ballroom Foyer and Parlor 1)

7:00-7:10 Multi-Directional and Posterior Shoulder Instability: When to Operate and How To Do It
James P. Bradley, MD

7:10-7:20 Managing Bone Loss: Assessment and Indications for Specific Treatment Strategies
Nikhil N. Verma, MD

7:20-7:35 VIDEO SPOTLIGHT SESSSION: Bone Loss: Why and How
Moderator: Matthew T. Provencher, MD
• Latarjet Brian J. Cole, MD
• Distal Tibia Allograft Matthew T. Provencher, MD
• Hill Sachs Management: Remplissage and Allograft Stephen F. Brockmeier, MD

7:35-7:50 Audience Question and Answer

7:50-8:40 Faculty/Participant Case Presentations
Moderator: James P. Bradley, MD and Mark H. Getelman, MD
Panel: Drs. Cole, Brockmeier, Provencher, Wilk, Verma

8:40-9:00 Beverage Break with Exhibitors and Faculty (Kokopelli Ballroom Foyer and Parlor 1)

THINGS YOU NEED TO KNOW ABOUT THE ATHLETE: HANDS, HIPS AND FEET
Moderator: Annunziato Amendola, MD (Kokopelli Ballroom)

9:00-9:15 Key Note Lecture: The Painful Hip: FAI, Labrum and Myotendinous Injury
Travis G. Maak, MD

9:15-9:30 Key Note Lecture: The Most Common Foot and Ankle Injuries
Annunziato Amendola, MD

9:30-9:45 Key Note Lecture: The Most Common Hand and Wrist Injuries
Nikolas H. Kazmers, MD, MS

9:45-10:00 Audience Question and Answer

10:00 Adjourn for Recreational Time
FRIDAY AFTERNOON, FEBRUARY 2

2:45-3:05pm Refuel Refreshments with Exhibitors *(Kokopelli Ballroom Foyer and Parlor 1)*

3:05-4:05 ALLOSOURCE SPOTLIGHT SESSION*: *(Kokopelli Ballroom)*
Allografts in cartilage restoration, current technologies, basic science and the Prochondrix Allograft. 
*Brian J. Cole, MD, David Argo, MD and Laurie Goodrich, DVM*

4:05-4:10 Beverage Break *(Kokopelli Ballroom Foyer and Parlor 1)*

FRIDAY EVENING, FEBRUARY 2

4:10-4:15 Announcements *(Kokopelli Ballroom)*
*Brian J. Cole, MD, MBA*

CARTILAGE
Moderator: *Annunziato Amendola, MD*

4:15-4:25 Key Note Lecture: Optimization of the Aging Athlete: Recommendations that Really Work
*Matthew T. Provencher, MD*

4:25-4:35 Osteotomy and Realignment
*Annunziato Amendola, MD*

4:35-4:45 Meniscus Repair: Ensuring a Successful Outcome and Rehabilitation Guidelines
*Nicholas A. Sgaglione, MD*

4:45-5:15 Technique Focus: Articular Cartilage Repair: 5 Minute Videos
Moderator: *Nicholas A. Sgaglione, MD*

  - Microfracture “Plus” BioCartilage
  - DeNovo NT
  - Cartiform
  - Osteochondral Autograft
  - Osteochondral Allograft
  - MACI
*Brian J. Cole, MD, MBA*
*Nicholas A Sgaglione, MD*
*Eric C. McCarty, MD*
*Nicholas A. Sgaglione, MD*
*Matthew T. Provencher, MD*
*Jason L. Dragoo, MD*

5:15-5:30 Audience Question and Answer

5:30-5:50 Beverage Break with Exhibitors and Faculty *(Kokopelli Ballroom Foyer and Parlor 1)*

THE PATELLOFEMORAL JOINT

5:50-6:05 Patellar Instability: Observe, Repair, Realign or Reconstruct *(Kokopelli Ballroom)*
*James P. Bradley, MD*

6:05-6:25 Rehabilitation of the PF Joint: Pre- and Post-Operative Considerations
*Kevin E. Wilk, PT, DPT, FAPTA*

6:25-7:00 Faculty/Participant Case Presentations: Cartilage and Patellofemoral Joint
Moderator: *Brian J. Cole, MD, MBA*
_Panel: Drs. Amendola, Bradley, Dragoo, McCarty, Provencher, Sgaglione, Wilk*

7:00 Adjourn for the Evening

* The Industry Spotlight Session is Non-CME. Views and Products Are Not Endorsed by AAOS, AOSSM, or AANA
SATURDAY MORNING, FEBRUARY 3

6:30-6:55am  Power Breakfast/Exhibits (*Kokopelli Ballroom Foyer and Parlor 1*)

6:55-7:00  Announcements (*Kokopelli Ballroom*)
Matthew T. Provencher, MD

**BIOLOGICS**
Moderator:  *Jason L. Dragoo, MD*

7:00-7:10  Key Note: Stem Cells, PRP, Amnion and More for Articular Cartilage Disease
*Jason L. Dragoo, MD*

7:10-7:20  Integrating Biologics into your Practice
*Brian J. Cole, MD, MBA*

7:20-7:30  Audience Question and Answer

**UPPER EXTREMITY ISSUES**
Moderator:  *James P. Bradley, MD*

7:30-7:40  Rehabilitation of the Thrower’s Shoulder: Key Concepts and What’s New?
*Kevin E. Wilk, PT, DPT, FAPTA*

7:40-7:50  Management of the SC and AC Joint in the Athlete: State-of-The Art in 2018
*James P. Bradley, MD*

7:50-8:00  Distal Biceps Tendon Tears: Technique Focus
*Steve B. Cohen, MD*

8:00-8:10  Medial and Lateral Epicondylitis: Technique Focus
*Josef K. Eichinger, MD*

8:10-8:20  Rehabilitation of the Athlete’s Elbow: Key Concepts and What’s New
*Kevin E. Wilk, PT, DPT, FAPTA*

8:20-8:30  Management of the Ulnar Collateral Ligament: Alternatives and State-of-the-Art
*James R. Andrews, MD*

8:30-8:40  Audience Questions and Answers

8:40-9:10  Faculty/Participant Case Presentations
Moderator:  *Christopher S. Ahmad, MD*
Panel:  *Drs. Bradley, Cohen, Cole, Dragoo, Eichinger, Provencher, Wilk*

9:10-9:30  Beverage Break with Exhibitors and Faculty  (*Kokopelli Ballroom Foyer and Parlor 1*)

9:30-9:45  Key Note: The Thrower's Shoulder: Sorting it all out  (*Kokopelli Ballroom*)
*Christopher S. Ahmad, MD*

9:45-9:55  Audience Questions and Answers

9:55  Adjourn for Recreational Time
SATURDAY AFTERNOON, FEBRUARY 3

2:45-3:05pm Refuel Refreshments with Exhibitors (Kokopelli Ballroom Foyer and Parlor 1)

3:05-4:05 ARTHREX SPOTLIGHT SESSION*: (Kokopelli Ballroom)
Innovative Sports Medicine Surgery to Improve Outcomes, Maximize Value and Expedite Return to Play
Drs. Ahmad, Andrews, Cole and Provencher

4:05-4:10 Beverage Break (Kokopelli Ballroom Foyer and Parlor 1)

SATURDAY EVENING, FEBRUARY 3

4:10-4:15 Announcements (Kokopelli Ballroom)
Brian J. Cole, MD, MBA

ROTATOR CUFF PROBLEMS
Moderator: Christopher S. Ahmad, MD

4:15-4:30 Partial Thickness Rotator Cuff Tears…Leave it, Complete it, In Situ Repair
Christopher S. Ahmad, MD

4:30-4:45 Full Thickness Rotator Cuff Tears – Techniques and State-of-the-art Management
Stephen F. Brockmeier, MD

4:45-5:00 Massive Cuff Tears: Ignore, Fix, Scaffold or Replace
Matthew T. Provencher, MD

5:00-5:45 Faculty/Participant Case Presentations
Moderators: Drs. Ahmad and Cole
Panel: Drs. Brockmeier, Provencher

5:45-6:00 Audience Questions and Answers

6:00 Adjourn for the Evening

* The Industry Spotlight Session is Non-CME. Views and Products Are Not Endorsed by AAOS, AOSSM, or AANA
SATURDAY EVENING, FEBRUARY 3
These sessions are limited to 70 attendees each. Registration was required with your course registration.

6:00-6:30   Beverage/Refreshment Break *(Painted Horse)*
            (For Ultrasound Session Registrants: Badges required)

6:30-9:00pm
ULTRASOUND COURSE: (purple group) *(Kokopelli Ballroom)*
DIAGNOSTIC AND THERAPEUTIC ULTRASOUND HANDS-ON TRAINING
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM and Kyle Pilz, PA-C

Shoulder Pathology
Demo Shoulder Exam
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM

Elbow Pathology
Demo Elbow Exam
Kyle Pilz, PA-C

Knee Pathology
Demo Knee Exam
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM

Q&A
Live Model Lab

SUNDAY MORNING, FEBRUARY 4
6:30-7:00am   Breakfast *(Kokopelli Ballroom Foyer and Parlor I)*

7:00-9:30am
ULTRASOUND COURSE: (green group) *(Kokopelli Ballroom)*
DIAGNOSTIC AND THERAPEUTIC ULTRASOUND HANDS-ON TRAINING
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM and Kyle Pilz, PA-C

Shoulder Pathology
Demo Shoulder Exam
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM

Elbow Pathology
Demo Elbow Exam
Kyle Pilz, PA-C

Knee Pathology
Demo Knee Exam
Joshua G. Hackel, MD, FAAFP, RMSK, CAQSM

Q&A
Live Model Lab

The American Academy of Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians. The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 19 plus 2.5 for Ultrasound Session AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Orthopaedic Society for Sports Medicine (BOC AP#: P460) is approved by the Board of Certification, Inc. to provide continuing education to Certified Athletic Trainers. This program is eligible for a maximum of 21.5 Category A hours/CEUs. ATs should claim only those hours actually spent in the educational program.
19th Annual AAOS/AOSSM/AANA Sports Medicine Course
Keeping Patients Active Through Biologics, Rehabilitation and Contemporary Surgical Techniques
January 31 - February 4, 2018 ~ Park City, UT

COURSE DIRECTORS

Brian J. Cole, MD, MBA
Midwest Orthopaedics at Rush
Chicago, IL

Team Physician
Chicago Bulls
Chicago White Sox

CAPT (Ret.) Matthew T. Provencher, MD, MC, USNR
The Steadman Clinic
Vail, CO

Kevin E. Wilk, PT, DPT, FAAPTA
Champion Sport Medicine
Birmingham, AL

Team Affiliation
Tampa Bay Rays

INVITED FACULTY

Christopher S. Ahmad, MD
Columbia University
New York, NY

Anunziato (Ned) Amendola, MD
Duke Health
Durham, NC

James R. Andrews, MD
The Andrews Institute
Gulf Breeze, FL

James P. Bradley, MD
University of Pittsburgh Medical Center
Pittsburgh, PA

Stephen F. Brockmeier, MD
University of Virginia
Charlottesville, VA

Steven B. Cohen, MD
The Rothman Institute
Media, PA

Alan S. Curtis, MD
Boston Sports & Shoulder Center
Waltham, MA

Jason L. Dragoo, MD
Stanford University Medical Center
Redwood City, CA

Josef K. Eichinger, MD
Medical University of South Carolina
Charleston, SC

Mark H Getelman, MD
Southern California Orthopedic Institute
Thousand Oaks, CA

Alan Getgood, MD, FRCS
Fowler Kennedy Sports Medicine Clinic
London, Ontario, CA

Joshua G. Hackel, MD, FAAFP
Andrews Institute for Orthopaedics & Sports Medicine
Gulf Breeze, FL

Darren L. Johnson, MD
UK Healthcare Sports Medicine
Lexington, KY

Nicholas H. Kazmers, MD, MS
University of Utah Hospital
Salt Lake City, UT

Travis G Maak, MD
Salt Lake City, UT

Eric C. McCarty, MD
University of Colorado
Boulder, CO

Kyle R. Pilz, MMS, PA-C
Midwest Orthopaedics at Rush
Chicago, IL

Nicholas A. Sgaglione, MD
Long Island Jewish Medical Center
Great Neck, NY

Nikhil N. Verma, MD
Midwest Orthopaedics at Rush
Chicago, IL