



PRISM

Pediatric Research in
Sports Medicine Society

4th ANNUAL MEETING



January 26-28, 2017

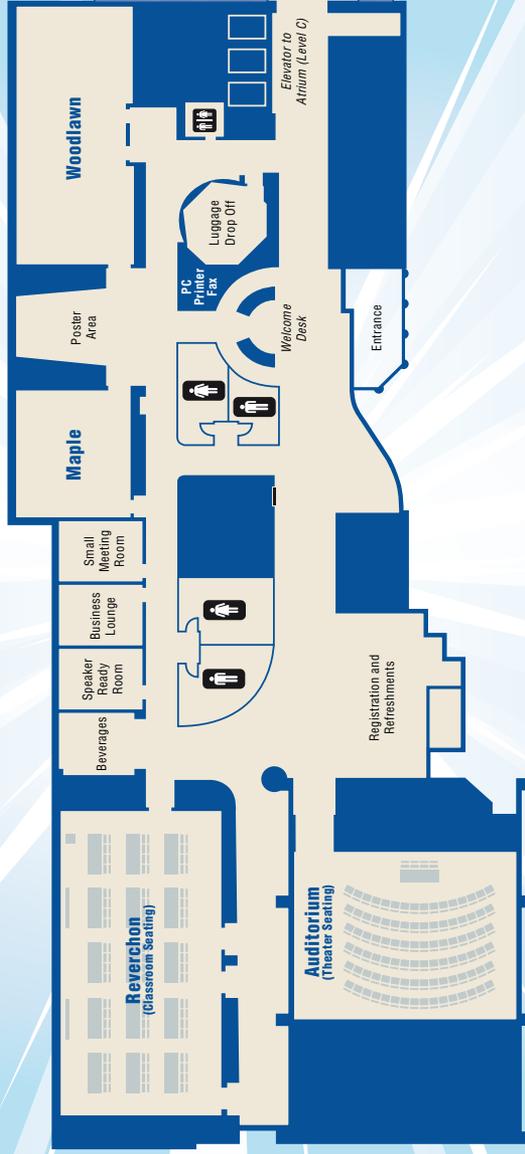
Texas Scottish Rite Hospital for Children
2222 Welborn Street | Dallas, Texas 75219

SPONSORED BY: Texas Scottish Rite Hospital for Children and Andrews Institute Children's Health



PRISM
Pediatric Research in
Sports Medicine Society

SITE MAP



T E X A S
SCOTTISH RITE HOSPITAL
FOR CHILDREN

SPORTS
MEDICINE

WELCOME

The PRISM 4th Annual Meeting is designed to provide high-quality dissemination of information in the basic sciences, prevention, diagnosis, treatment, and technological advances in the multi-disciplinary areas of sports medicine for children and adolescents. The Scientific Program Committee has worked hard to provide a diverse, innovative and well-rounded program that incorporates feedback from previous Annual Meetings. As a result, we are pleased to offer you two full days of multi-disciplinary education, engaging experts in the field of pediatric sports medicine, and collaboration opportunities.

2016-2017 PRISM LEADERSHIP

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Mininder Kocher, MD MPH

First Vice President

Kevin Shea, MD

Second Vice President

Theodore Ganley, MD

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Matthew Milewski, MD

Mark Paterno PT PhD MBA SCS ATC

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Benton Heyworth, MD

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Co-Chairs

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Members

Cordelia Carter, MD

Hank Chambers, MD

Theodore Ganley, MD

Benton Heyworth, MD

David Howell, MD

Mininder Kocher, MD

Shane Miller, MD

Kevin Shea, MD

Andrea Stracciolini, MD

Andrew Zbojniewicz, MD

PRiSM MISSION

To foster and stimulate interdisciplinary professional education, research and interest in pediatric and adolescent sports medicine and, in this regard, to promote and participate in high-quality research and the advancement of understanding in the field of pediatric and adolescent sports medicine.

TARGET AUDIENCE

The target audience for the PRiSM 4th Annual Meeting includes athletic trainers, physical therapists, mid-level providers, radiologists, sports medicine providers, orthopedic surgeons, orthotists, rehab engineers, kinesiologists, nutritionists, educators, administrators, researchers, and all others concerned with pediatric and adolescent sports medicine.

ANNUAL MEETING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Discuss the diagnosis & multidisciplinary management of common pediatric and adolescent sports related injuries.
- Establish treatment guidelines and algorithms for working with childhood athletes and their families.
- Examine multiple evidence based approaches to treating pediatric sports concerns.
- Explore clinical approaches to the injured athlete throughout their continuum of care.
- Evaluate effective ways to improve patient care and reduce lifelong sequelae of sports injuries.

ACCREDITATION

Credit Statement:

Amedco designates this live activity for a maximum of *15 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Approval Statement:

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 Amedco and Pediatric Research in Sports Medicine Society (PRiSM). Amedco is accredited by the ACCME to provide continuing medical education for physicians.

Physical Therapists

An application has been submitted to the Texas Physical Therapy Association. Credits are pending.

You will be notified via email when this activity has been approved with instructions on how to claim your credits.

Athletic Trainers

An application has been submitted to the BOC. Credits are pending.

You will be notified via email when this activity has been approved with instructions on how to claim your credits.

EVALUATIONS AND CME/CEU CERTIFICATES

Please visit <http://prism.cmecertificateonline.com/> to claim your CME/CEU credits and print a certificate.

ACKNOWLEDGEMENTS

The **Pediatric Research in Sports Medicine Society** would like to thank the following organizations for their generous support of the PRISM 4th Annual Meeting...



OrthoPediatrics

EXHIBITORS

We would like to thank the following companies for exhibiting at PRISM's 4th Annual Meeting. Exhibits are located in the T. Boone Pickens Conference Center near the main entrance. These companies and organizations help to make our Annual Meeting possible, and we encourage you to visit the exhibits.

DJO Global
OrthoPediatrics
Ossur Americas
Smith & Nephew
TeamSafe™

ANNOUNCEMENTS

Cell Phones

As a courtesy, please silence all mobile devices during presentations.

Internet

Internet connections/wifi are available in the T. Boone Pickens Conference Center. Please connect to the PRISM network, and enter the password: **Pri\$tm2017**

Meals

Breakfast and lunch will be provided on Friday, January 27th and Saturday, January 28th. Note for lunches: Table seating is available in Maple and Woodlawn for attendees in the Auditorium. Lunch and Learn will be simulcast in these rooms.

Networking Reception

The Networking Reception will be held in the Atrium on Friday, January 27th from 6:00 pm – 7:00 pm.

Small Meeting Rooms

Quiet areas are available as follows:

PECAN - Speaker Ready Room

AZALEA - Business Lounge (printer and fax nearby)

BLUEBONNET - Reserve this space with PRISM staff for small group discussions

Luggage Drop

TURTLE CREEK THEATER near main entrance is available for luggage drop throughout the weekend, the room will remain unlocked for your convenience and is monitored by surveillance video.

Shuttle Schedule

For your convenience, shuttles will be available from the three conference hotels to the T. Boone Pickens Conference Center at Texas Scottish Rite Hospital.

Date	Coming from	Going to	Start	End
1/26/2017	Warwick/Le Meridien/Omni	Texas Scottish Rite Hospital	5:00pm	9:30pm
1/27/2017	Le Meridien/Warwick	Texas Scottish Rite Hospital	6:45am	11:00am
1/27/2017	Omni	Texas Scottish Rite Hospital	6:45am	11:00am
1/27/2017	Texas Scottish Rite Hospital	Le Meridien/Warwick	3:30pm	7:30pm
1/27/2017	Texas Scottish Rite Hospital	Omni	3:30pm	7:30pm
1/28/2017	Le Meridien/Warwick	Texas Scottish Rite Hospital	6:15am	10:30am
1/28/2017	Omni	Texas Scottish Rite Hospital	6:15am	10:30am
1/28/2017	Texas Scottish Rite Hospital	Le Meridien/Warwick	6:00pm	10:00pm
1/28/2017	Texas Scottish Rite Hospital	Omni	6:00pm	10:00pm

MEETING AGENDA

Thursday, January 26, 2017

5:00 – 7:00 pm Registration

7:00 – 9:00 pm Cocktails & Complex Case Presentations Location: Reverchon
 Moderator: *Lucas Murnaghan, MD*

Friday, January 27, 2017

7:00 – 7:45am Registration & Continental Breakfast

GENERAL SESSION Location: Auditorium with simulcast to Reverchon

7:45 – 8:00 am **Welcome & OPENING REMARKS**
Mininder S. Kocher, MD, MPH

8:00 – 9:45 am **SCIENTIFIC PAPERS SESSION I**
 Moderator: *Ted Ganley*
 E-Moderator: *David Howell*
 •Text questions to: *sports.question1@gmail.com*
 Auxiliary Room Moderator: *Shane Miller*
 •Text questions to: *sports.question2@gmail.com*

Set I – Sport Specialization

- 8:00 – 8:05 THE EFFECT OF SPORT SPECIALIZATION ON LOWER EXTREMITY INJURY RATES IN ADOLESCENT ATHLETES
Timothy McGuine, PhD ATC
- 8:06 – 8:11 DOES LIGAMENOUS LAXITY PROTECT AGAINST CHONDRAL INJURY IN PATIENTS WITH PATELLOFEMORAL INSTABILITY?
Lauren Redler, MD
- 8:12 – 8:17 PARENTS’ AWARENESS AND PERCEPTIONS OF SPORT SPECIALIZATION AND PARTICIPATION VOLUME RECOMMENDATIONS
David Bell, PhD
- 8:18 – 8:23 THE EFFECT OF SPORTS PARTICIPATION DURING YOUTH ON CARDIOMETABOLIC RISK FACTORS IN EARLY ADULTHOOD
Kelsey Logan, MD MPH
- 8:24 – 8:33 OVERVIEW: SPORT SPECIALIZATION AND OVERUSE
David Bell, PhD
- 8:34 – 8:50 DISCUSSION
- Set II – Quality: Establishing Risk Factors
- 8:51 – 8:56 PEDIATRIC AND ADOLESCENT CLAVICLE NONUNIONS: POTENTIAL RISK FACTORS AND SURGICAL MANAGEMENT
Andrew Pennock, MD
- 8:57 – 9:02 RANGE OF MOTION IMPROVEMENT FOLLOWING SURGICAL MANAGEMENT OF ARTHROFIBROSIS IN CHILDREN AND ADOLESCENTS
Peter D. Fabricant, MD MPH
- 9:03 – 9:08 INCIDENCE OF DVT AND PE AFTER ARTHROSCOPY IN THE PEDIATRIC POPULATION
Nirav K. Pandya, MD
- 9:09 – 9:14 RISK FACTORS FOR REVISION OR CONTRALATERAL ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: RESULTS FROM A NATIONAL DATABASE
Jonathan Godin, MD
- 9:15 – 9:20 INCREASED PROPORTION OF 2ND ACL INJURY IN PATIENTS WITH HIGH CONFIDENCE AFTER ACL RECONSTRUCTION AND RETURN TO SPORT
Mark Paterno, PT PhD MBA SCS ATC
- 9:21 – 9:31 OVERVIEW: EVALUATING AND REPORTING COMPLICATIONS
Henry Ellis, MD
- 9:32 – 9:45 DISCUSSION
- 9:45 – 10:00 am BREAK**

GENERAL SESSION

Location: Auditorium with simulcast to Reverchon

10:00 – 10:50 am

PRACTICE EFFICIENCY WORKSHOPS

Module A: Research Efficiency

Leaders: *Theodore Ganley, MD and Kevin Shea, MD*

Presenters: *Benton Heyworth, MD*

Jeffrey Nepple, MD

Eric Edmonds, MD

Henry Ellis, MD

10:50 – 11:40 am

Module B: Outreach Efficiency

Leader: *Pierre d’Hemecourt, MD*

Presenters: *Jeff Guy, MD*

Elsbeth Hart, PA

Pierre d’Hemecourt, MD

11:40 am – 12:25 pm

PRISM BUSINESS MEETING AND GAVEL EXCHANGE

President, Mininder S. Kocher, MD, MPH

First Vice President, Kevin Shea, MD

11:45 Welcome/Farewell departing Board Members
Mininder Kocher – President

11:50 Treasurer’s Report
Donna Pacicca - Treasurer

12:00 State of the Society
Mininder Kocher - President
- RIGs
- Career Hub
- Strategic Planning
- Election

12:20 Gavel Exchange
Mininder Kocher
Kevin Shea, new President

12:25 – 12:30 pm

LUNCH PICK-UP

12:30 – 1:00 pm

LUNCH AND LEARN

Location: Reverchon/Maple/Woodlawn

Point – Counterpoint Sessions

1.) Why I only debride and drill/MFX unsalvageable Talar OCDs:
Benefits and how I manage the challenges

vs.

Why I do more than debridement and drill/MFX
unsalvageable Talar OCDs: Benefits and how I manage the
challenges

Michael Busch, MD and Dennis Kramer, MD

2.) Why I never let my dancers on-point until age 12
vs.

Why I let each dancer on-point at individual times and how
I decide

Troy Smurawa, MD and Jane Chung, MD

GENERAL SESSION

Location: Auditorium with simulcast to Reverchon

1:00 – 1:45 pm

KEYNOTE PRESENTATION: John A. (Tony) Herring, MD

Introduction: *Kevin Shea, MD*



Dr. Herring currently serves as Chief of Staff Emeritus at Texas Scottish Rite Hospital for Children, where he served as chief of staff from 1978-2012. He is a professor in the department of orthopaedic surgery at The University of Texas Southwestern Medical Center. Dr. Herring has served as chairman of the Pediatric Committee of the American Academy of Orthopedic Surgeons and president of the Pediatric Orthopaedic Society of North America. He also belongs to the Dallas County Medical Society, Texas Medical Association, American Medical Association, American Orthopaedic Association, and the International Pediatric Orthopaedic Think Tank. Dr. Herring is the winner of many prestigious awards. He has authored a book entitled *Legg-Calve-Perthes Disease* for the American Academy of Orthopaedic Surgeons, and he is editor of the 3rd, 4th and 5th Editions of *Tachdjian's Pediatric Orthopaedics* textbook.

1:45 – 2:45 pm

INSTRUCTIONAL COURSE A: RADIOLOGY

Leader: *Andrew Zbojniewicz, MD*

Presenters: *Yassine Kanaan, MD*

Sarah Bixby, MD

Eric Wall, MD

Benton Heyworth, MD

Eric Edmonds, MD

2:45 – 3:00 pm

BREAK

BREAKOUT SESSION I

Location: Auditorium

3:00 – 4:30 pm

SCIENTIFIC PAPERS SESSION II

Moderator: *Paul Saluan*

E-Moderator: *Matt Schmitz*

•Text questions to: sports.question1@gmail.com

Set I – Osteochondritis Dissecans

3:00 – 3:05

OSSIFICATION VARIANTS IN THE FEMORAL CONDYLES AND TROCHLEAE ARE CAUSED BY LESIONS OF OSTEOCHONDROSIS MANIFESTA IN CHILDREN

Peter C. Cannamela, BA

3:06 – 3:11

NON-OPERATIVE MANAGEMENT OF STABLE PEDIATRIC OSTEOCHONDRITIS DISSECANS OF THE CAPITELLUM

Emily Niu, MD

3:12 – 3:17

RADIOGRAPHIC COMPARISON OF ADOLESCENT ATHLETES WITH ELBOW OSTEOCHONDRAL DISSECANS, ULNAR COLLATERAL LIGAMENT INJURIES AND CONTROLS

Nirav K. Pandya, MD

3:18 – 3:23	SEX DIFFERENCES IN CLINICAL PRESENTATION OF OSTEOCHONDRITIS DISSECANS OF THE CAPITELLUM: PRELIMINARY ANALYSIS OF A PROSPECTIVE REGISTRY <i>Mark Wu, BS</i>
3:24 – 3:33	OVERVIEW: IMAGING OCD – OVERVIEW OF CURRENT CONCEPTS <i>Andrew Zbojnowicz, MD</i>
3:34 – 3:48	DISCUSSION Set II – Upper Extremity Injury Prevention
3:49 – 3:54	EFFECTS OF A SIMULATED GAME ON UPPER EXTREMITY KINEMATICS AND MUSCLE ACTIVATION AMONG VARIOUS PITCH TYPES IN YOUTH BASEBALL PITCHERS <i>Gretchen D. Oliver, PhD, FACSM, ATC</i>
3:55 – 4:01	CAN FOREARM MOTION PROTECT THE ELBOW IN BASEBALL PITCHERS? <i>Matthew J. Solomito, PhD</i>
4:02 – 4:06	VALIDITY AND COMPREHENSIBILITY OF CURRENT SHOULDER/ ELBOW FUNCTIONAL OUTCOMES MEASURES IN CHILDREN <i>Maura Iversen, PT, DPT, MPH, SD</i>
4:07 – 4:16	OVERVIEW: UPPER EXTREMITY INJURY PREVENTION PROGRAMS <i>Jeff Baggett, ATC</i>
4:17 – 4:30	DISCUSSION

BREAKOUT SESSION II

Location: Reverchon

3:00 – 4:30 pm	INSTRUCTIONAL COURSE B: UNIQUE ATHLETE POPULATIONS Leader: <i>Jason Rhodes, MD</i> Presenters: <i>Henry Ellis, MD</i> <i>Gerald Clayton, MD</i> <i>Andrea Stracciolini, MD</i>
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GENERAL SESSION

Location: Auditorium with simulcast to Reverchon

4:30 – 5:35 pm	RESEARCH INTEREST GROUP (RIG) UPDATES Moderator: <i>Benton Heyworth, MD</i>
4:30 – 4:35	Female Athlete <i>Katherine Rizzone, MD</i>
4:36 – 4:41	Sports Specialization <i>Scott McKay, MD</i>
4:42 – 4:47	Shoulder Instability <i>Jonathon Riboh, MD</i>
4:48 – 4:53	Stress Fractures/Overuse <i>Benton E. Heyworth, MD</i>

4:54 – 4:59	Patellofemoral Instability <i>Daniel Green, MD</i>
5:00 – 5:05	Spine/Spondylolysis <i>Andrew Gregory, MD</i>
5:06 – 5:11	Tibial Spine <i>Henry Ellis, MD</i>
5:12 – 5:17	Rehabilitation <i>Elliot Greenberg, PT PhD</i>
5:18 – 5:30	DISCUSSION

6:00 – 7:00 pm	Networking Reception	Location: Atrium (Level C)
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Saturday, January 28, 2017

7:00 – 8:00 am Registration & Continental Breakfast

GENERAL SESSION	Location: Auditorium with simulcast to Reverchon
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8:00 – 9:30 am	SCIENTIFIC PAPERS SESSION III Moderator: <i>Donna Pacicca</i> E-Moderator: <i>Cordelia Carter</i> •Text questions to: sports.question1@gmail.com Auxiliary Room Moderator: <i>TBD</i> •Text questions to: sports.question2@gmail.com <u>Set I – ACL Functional Rehabilitation</u>
8:00 – 8:05	DO ADOLESCENT ATHLETES WHO FAIL 6 MONTH RETURN TO PLAY TESTS ACHIEVE ADEQUATE FUNCTIONAL RECOVERY BY 9 MONTHS FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH HAMSTRING AUTOGRAFT? <i>Dai Sugimoto, PhD</i>
8:06 – 8:11	SYMMETRICAL HOP DISTANCE BUT ASYMMETRICAL LANDING BIOMECHANICS IN ADOLESCENT ATHLETES WITH RECENT ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION <i>James Lee Pace, MD</i>
8:12 – 8:17	3-MONTH ISOMETRIC STRENGTH DEFICITS ARE PREDICTIVE OF 6-MONTH ISOKINETIC STRENGTH DEFICITS AND TIMING OF CLEARANCE TO RETURN TO SPORTS IN ADOLESCENT ACL RECONSTRUCTION PATIENTS <i>Matthew Milewski, MD</i>
8:18 – 8:23	QUANTITATIVE IMPROVEMENTS IN HOP TEST SCORES FOR ACL RECONSTRUCTION PATIENTS FOLLOWING A SIX WEEK NEUROMUSCULAR TRAINING PROGRAM <i>Marc Tompkins, MD</i>
8:24 – 8:33	OVERVIEW: ACL RETURN TO PLAY TESTING AND RELEASE TO PLAY MANAGEMENT <i>Stephen LaPlante, MS, PT, ATC</i>
8:34 – 8:48	DISCUSSION

8:49 – 8:55	<u>Set II – ACL Re-Injury</u> DOES ALLOGRAFT AUGMENTATION OF SMALL DIAMETER HAMSTRING ACL GRAFTS REDUCE THE INCIDENCE OF GRAFT RETEAR? <i>Kristina Parvanta, ATC</i>
8:56 – 9:01	PREDICTORS OF SUBSEQUENT INJURY AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN CHILDREN AND ADOLESCENTS <i>Jonathan Godin, MD</i>
9:02 – 9:30	DISCUSSION
9:30 – 10:00 am	BREAK

BREAKOUT SESSION I

Location: Auditorium

10:00 – 11:00 am	SCIENTIFIC PAPER SESSION IV Moderator: <i>Mike Busch</i> E-Moderator: <i>Charles Popkin</i> •Text questions to: sports.question1@gmail.com
10:00 – 10:05	<u>Set I – Optimizing ACL Outcomes</u> EFFECT OF MENISCAL TEAR ON STRENGTH AND FUNCTIONAL PERFORMANCE IN YOUNG ATHLETES 6 MONTHS FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH HAMSTRING AUTOGRAFT <i>Lauren Redler, MD</i>
10:06 – 10:11	A BIOMECHANICAL COMPARISON OF ALL-EPIPHYSEAL, ALL-INSIDE ANTERIOR CRUCIATE LIGAMENT GRAFT PREPARATION TECHNIQUES <i>Kathryn C. Skoglund, BS</i>
10:12 – 10:17	BIOMECHANICAL EVALUATION OF PEDIATRIC ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION TECHNIQUES WITH AND WITHOUT RECONSTRUCTION OF THE ANTEROLATERAL LIGAMENT <i>Natasha Trentacosta, MD</i>
10:18 – 10:29	DISCUSSION
10:30 – 10:35	<u>Set II – Practice Improvement</u> POST-OPERATIVE OPIOD USAGE TRENDS IN ADOLESCENT ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTIONS <i>Jennifer Beck, MD</i>
10:36 – 10:41	SATISFACTION, TIME, AND COST SAVINGS ASSOCIATED WITH TELEMEDICINE UTILIZATION IN A PEDIATRIC SPORTS MEDICINE CLINIC <i>Alfred Atanda, MD</i>
10:42 – 10:47	BONE AGE ASSESSMENT UTILIZING KNEE MRI <i>Andrew Pennock, MD</i>
10:48 – 11:00	DISCUSSION

BREAKOUT SESSION II

Location: Reverchon

10:00 – 11:00 am	<p>SCIENTIFIC PAPER SESSION V Moderator: <i>Andrew Gregory</i> E-Moderator: <i>Brooke Pengel</i> •Text questions to: <i>sports.question2@gmail.com</i></p> <p><u>Set I – Concussion Testing And Return To Play</u></p>
10:00 – 10:05	<p>KNOWLEDGE PERCEPTION AND CONFIDENCE REGARDING SPORT-RELATED CONCUSSION AMONG SCHOOL PERSONNEL <i>Tamara C. Valovich McLeod, PhD, ATC, FNATA</i></p>
10:06 – 10:11	<p>ANALYSIS OF HEAD IMPACT EXPOSURE AND BRAIN MICROSTRUCTURE RESPONSE IN A SEASON-LONG APPLICATION OF A JUGULAR VEIN COMPRESSION COLLAR: A PROSPECTIVE, NEUROIMAGING INVESTIGATION IN AMERICAN FOOTBALL <i>Gregory Myer, PhD</i></p>
10:12 – 10:17	<p>DUAL-TASK COSTS DURING GAIT IN FEMALE AND MALE ADOLESCENT ATHLETES AFTER CONCUSSION, <i>David R. Howell, PhD</i></p>
10:18 – 10:23	<p>THE USE OF FUNCTIONAL NEAR-INFRARED SPECTROSCOPY (FNIRS) FOR THE ASSESSMENT OF VESTIBULAR OCULOMOTOR TASK-RELATED BRAIN ACTIVITY IN CONCUSSION <i>Eileen P. Storey, BA</i></p>
10:24 – 10:30	<p>THE EFFECT OF MODERATE LEVELS OF PHYSICAL ACTIVITY ON THE PERFORMANCE OF BASELINE CONCUSSION TESTS: KING- DEVICK, CLINICAL REACTION TIME AND POSTURAL CONTROL, IN A PEDIATRIC ATHLETIC POPULATION, <i>Paul Gubanich, MD MPH</i></p>
10:31 – 10:40	<p>OVERVIEW: CONCUSSION TESTING AND RETURN TO PLAY DECISIONS <i>Shane Miller, MD</i></p>
10:41 – 11:00	<p>DISCUSSION</p>

BREAKOUT SESSION I

Location: Auditorium

11:00 am – 12:00 pm	<p>INSTRUCTIONAL COURSE C: OSTEOCHONDRITIS DISSECANIS: BENCH TO BEDSIDE Leader: <i>Lucas Murnaghan, MD</i> Presenters: <i>Marc Tompkins, MD</i> <i>Stephanie Mayer, MD</i> <i>Mark Paterno, PhD PT MBA</i> <i>Cathy Carlson, DVM PhD</i></p>
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BREAKOUT SESSION II

Location: Reverchon

11:00 am – 12:00 pm **INSTRUCTIONAL COURSE D: FEMALE ATHLETE TRIAD: BENCH TO BEDSIDE**

Leader: *Kathryn Ackerman, MD MPH*
Presenters: *Katherine Rizzone, MD*
Adam Tenforde, MD

12:00 – 12:30 pm **LUNCH PICK-UP AND BREAK**

12:30 – 1:00 pm **LUNCH AND LEARN** Location: Reverchon/Maple/Woodlawn

Point – Counterpoint Sessions

- 1.) Why I prefer an MR/Arthrogram: Benefits and How I Manage the Challenges
vs.
Why I do not need an MR/Arthrogram: Benefits and How I Manage the Challenge
Andrew Zbojniewicz, MD, Yassine Kanaan, MD, and Sarah Bixby, MD
- 2.) Why I use Modalities (Taping, needling, cupping, US) for my adolescent athlete
vs.
Why I avoid Modalities for my adolescent athlete and what I prefer to do with that time
Mark Paterno, PT PhD, Joseph Molony, PT, MS, SCS, CSCS, Elliot Greenberg, pt phd

GENERAL SESSION

Location: Auditorium with simulcast to Reverchon

1:00 – 1:45 pm **KEYNOTE PRESENTATION: James Andrews, MD**

Why are so many of our young athletes getting injured?
Introduction: *Mininder Kocher, MD*



Dr. Andrews is one of the founding members of Andrews Sports Medicine and Orthopaedic Center in Birmingham, Alabama. He is also co-founder of the American Sports Medicine Institute (ASMI) a non-profit institute dedicated to injury prevention, education and research in orthopaedic and sports medicine. Dr. Andrews is Clinical Professor of Orthopaedic Surgery at the University of Alabama Birmingham Medical School, the University of Virginia School of Medicine, University of South Carolina Medical School, Adjunct Professor at the University of South Alabama, and Clinical Professor of Orthopaedics at Tulane University School of Medicine. Dr. Andrews has authored numerous scientific articles and books, and recently published *Any Given Monday*, about prevention of youth sports injuries.

1:45 – 2:45 pm

PRACTICE EFFICIENCY WORKSHOP

Module C: Office Efficiency

Location: Auditorium

Leader: *Cliff Willimon, MD*

Presenters: *Forrest Pecha, MD*
Alfred Atanda, MD

2:45 – 3:00 pm

BREAK

BREAKOUT SESSION I

Location: Auditorium

3:00 – 4:30pm

INSTRUCTIONAL COURSE E: MOTION ANALYSIS IN PEDIATRIC SPORTS

Leader: *Greg Myer, PhD*

Speakers: *Kevin Ford, PhD*
Carl Nissen, MD
Kirsten Tulchin-Francis, PhD

BREAKOUT SESSION II

Location: Reverchon

3:00 – 4:30 pm

SCIENTIFIC PAPER SESSION VI

Moderator: *Dan Green*

E-Moderator: *Yi-Meng Yen*

•Text questions to: sports.question1@gmail.com

Set I – Upper Extremity Injury

3:00 – 3:05

INCREASING RATES OF SURGICAL TREATMENT FOR PEDIATRIC FOREARM FRACTURES FROM 2000-2012

Aristides I. Cruz, Jr., MD

3:06 – 3:11

DESCRIPTIVE EPIDEMIOLOGY OF ADOLESCENT CLAVICLE FRACTURES: EARLY RESULTS FROM THE FACTS (FUNCTION AFTER ADOLESCENT CLAVICLE TRAUMA AND SURGERY) PROSPECTIVE, MULTI-CENTER COHORT STUDY

Henry Ellis, MD

3:12 – 3:17

PEDIATRIC ANTERIOR GLENOHUMERAL DISLOCATION RISK FACTORS MEASURED ON MAGNETIC RESONANCE IMAGING (MRI)

J. Todd Lawrence, MD

3:18 – 3:29

DISCUSSION

Set II – Adolescent Athletic Hip

3:30 – 3:35

OUTCOMES OF INTRA-ARTICULAR HIP INJECTIONS IN ADOLESCENTS

Nirav K. Pandya, MD

3:36 – 3:41

DOES HIP ARTHROSCOPY PROVIDE MEANINGFUL OUTCOME IMPROVEMENT FOR PEDIATRIC FAI?

Benedict U. Nwachukwu, MD MBA

3:42 – 3:51

DISCUSSION

3:52 – 3:57	<u>Set III – Patellar Instability</u> ANALYSIS OF SPORTS SPECIALIZATION IN COLLEGIATE ATHLETICS <i>Charles Popkin, MD</i>
3:58 – 4:03	COMBINED RECONSTRUCTION OF THE MEDIAL PATELLOFEMORAL LIGAMENT (MPFL) AND MEDIAL QUADRICEPS TENDON-FEMORAL LIGAMENT (MQTFL) FOR PATELLAR INSTABILITY IN CHILDREN AND ADOLESCENTS: SURGICAL TECHNIQUE AND OUTCOMES <i>Mininder S. Kocher, MD MPH</i>
4:04 – 4:09	HEALTH RELATED QUALITY OF LIFE AND UTILITY ACQUISITION FOR TRAUMATIC PATELLA DISLOCATION IN ADOLESCENTS <i>Benedict U. Nwachukwu, MD MBA</i>
4:10 – 4:19	OVERVIEW – PATELLOFEMORAL STABILIZATION: WHEN DOES IT NEED TO BE FIXED AND HOW MUCH OF THE DEFORMITY DO WE HAVE TO ADDRESS? <i>Marc Tompkins, MD</i>
4:20 – 4:30 pm	DISCUSSION

GENERAL SESSION

Location: Auditorium with simulcast to Reverchon

4:30 – 5:30 pm	RESEARCH INTEREST GROUP (RIG) UPDATES Moderator: <i>Jeffrey Nepple, MD</i>		
4:30 – 4:35	UCL Injuries <i>Eric Edmonds, MD</i>	4:54 – 4:59	Medial Epicondyle <i>J. Todd Lawrence, MD</i>
4:36 – 4:41	Concussion <i>David R. Howell, PhD</i>	5:00 – 5:05	Knee Multi-ligament Injury <i>Cliff Willimon, MD</i>
4:42 – 4:47	Hip Disorders <i>Jeffrey J. Nepple, MD</i>	5:06 – 5:11	Meniscus <i>Jeffrey J. Nepple, MD</i>
4:48 – 4:53	Injury Prevention <i>Kevin Latz, MD</i>	5:12 – 5:17	Outcome Measures <i>Peter D. Fabricant, MD MPH</i>
		5:18 – 5:30	DISCUSSION
5:30 – 5:45 pm	AWARDS CEREMONY Hank Chambers Award for Best Scientific Presentation Mininder S. Kocher Award for Most Promising Career Best Scientific Poster Award 2017 Achievement Awards for Athletic Training Achievement Awards for Physical Therapy		
5:45 – 6:15 pm	Closing Remarks and Adjournment <i>Kevin Shea, MD</i>		

POSTER PRESENTATIONS

Posters are located in Pre-function C, outside of the Maple room.

- 1.) CAN A NOVEL, LOW-COST SIMULATION MODEL BE USED TO TEACH ANTERIOR CRUCIATE LIGAMENT GRAFT PREPARATION?
Theodore J. Ganley, MD
- 2.) OUTCOMES OF ACL RECONSTRUCTION IN ADOLESCENTS USING QUADRICEPS TENDON
William Hennrikus, MD
- 3.) TANDEM GAIT TEST PERFORMANCE AFTER CONCUSSION AMONG ADOLESCENTS
David R. Howell, PhD
- 4.) DISTAL FEMORAL MORPHOLOGY IS ALTERED IN SKELETALLY IMMATURE ANTERIOR CRUCIATE LIGAMENT (ACL) INJURED KNEES
Pamela Lang, MD
- 5.) NON-OPERATIVE MANAGEMENT OF SALTER-HARRIS II FRACTURES OF THE DISTAL TIBIA: NO DIFFERENCE IN FUNCTIONAL OUTCOMES BASED ON POSTREDUCTION DISPLACEMENT
Adam Margalit, BS
- 6.) NECK COLLAR WITH MILD JUGULAR VEIN COMPRESSION AMELIORATES BRAIN ACTIVATION CHANGES DURING A WORKING MEMORY TASK AFTER A SEASON OF HIGH SCHOOL FOOTBALL
Gregory Myer, PhD
- 7.) WHAT ARE THE RISK FACTORS FOR DISEASE PROGRESSION IN FEMOROACETABULAR IMPINGEMENT? A PROSPECTIVE ANALYSIS OF THE CONTRALATERAL HIP
Jeffrey J. Nepple, MD
- 8.) COMPUTER-ASSISTED DYNAMIC MODELING OF THE IMPINGEMENT HIP AFTER SLIPPED CAPITAL FEMORAL EPIPHYSIS
Jeffrey J. Nepple, MD
- 9.) BIOMECHANICAL ASYMMETRIES IN DROP JUMP IMPROVE DURING REHABILITATION FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN PEDIATRIC AND ADOLESCENT ATHLETES
J. Lee Pace, MD
- 10.) SOCIOECONOMIC FACTORS IN PEDIATRIC SHOULDER INSTABILITY: THE IMPACT OF INSURANCE STATUS ON TREATMENT DELAYS AND OUTCOMES
Nirav K. Pandya, MD
- 11.) ATTITUDES AND BELIEFS REGARDING SPORT PARTICIPATION AND SPECIALIZATION AMONG YOUTH ATHLETES.
Eric G. Post, MS, ATC
- 12.) ADOLESCENT ATHLETES CLEARED TO RETURN TO SPORT FOLLOWING A CONCUSSION SHOW LINGERING POSTURAL STABILITY DEFICITS DURING DUAL-TASK STATIC BALANCE
Matthew J. Solomito, PhD
- 13.) HEALTH AND WELL-BEING OUTCOMES AMONG FORMER FEMALE COLLEGIATE ATHLETES SINCE THE ENACTMENT OF TITLE IX
Andrea Stracciolini, MD
- 14.) PRE-SEASON AEROBIC FITNESS PREDICTS IN-SEASON INJURY AND ILLNESS IN FEMALE YOUTH ATHLETES
Andrew Watson, MD, MS

2017 ANNUAL MEETING EPOSTERS

All 2017 ePosters accepted for the PRISM 4th Annual Meeting are available for viewing on the PRISM website at <http://www.prismsports.org/events/2017-annual-meeting/e posters> until March 31, 2017. Eposters are available for viewing on monitors near the printed posters in Pre-function C, outside of the Maple room.

AUTISM SPORTS PROJECT

Suraj Achar, MD; Nam Trinh, BS

OPERATIVE TECHNIQUE AND EARLY EXPERIENCE WITH ACL REPAIR USING INTERNAL LIGAMENT BRACE FOR PROXIMAL ACL INJURIES

William Baldwin, MD; Travis Roth, MD; Daryl Osbahr, MD

12 YEAR FOLLOW UP OF AUTOLOGOUS CHONDROCYTE IMPLANTATION (ACI) FOR KNEE JUVENILE OSTEOCHONDritis DISSECANs (JOCD)

Jennifer Beck, MD; Dai Sugimoto; Lyle Micheli, MD

MEDIAL PATELLOFEMORAL LIGAMENT ISOMETRYI IN THE SETTING OF PATELLA ALTA

Nicole S. Belkin; Kathleen Meyers; Andrea Spiker; Joseph Nguyen; Beth Shubin Stein

GYMNASTICS: DOES IT ALTER THE UPPER EXTREMITY OF ADOLESCENT FEMALES?

Laura C. Boucher, PhD, ATC; Saskia D. Richter

RETURN TO SPORT TESTING AFTER PEDIATRIC ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION SURGERY

Richard E. Bowen; Jennifer Beck, MD; Jay Semel, PT; Ekta Partani, BS

MEASURING FUNCTIONAL OUTCOMES USING THE PEDIATRIC ORTHOPEDIC DATA COLLECTION INSTRUMENT IN A PEDIATRIC SPORTS MEDICINE SETTING

Stephanie Butler, DPT

RELATIONSHIP OF THE PES ANSERINE AND THE TIBIAL PHYSIS

Daniel Green, MD; Duncan Martinson; **Peter C. Cannamela;** Theodore J. Ganley, MD; John D. Polousky, MD; Allen Anderson; Kevin Shea, MD

INCIDENCE OF MENISCAL ENTRAPMENT AND ASSOCIATED KNEE INJURIES IN TIBIAL SPINE AVULSIONS

Jason Rhodes; **Peter C. Cannamela;** Aristides I. Cruz, Jr., MD; Meredith Mayo; Alexandra C. Styhl; Theodore J. Ganley, MD; Kevin Shea, MD

DESCRIBING THE COMPONENTS OF THE FEMALE ATHLETE TRIAD AND RESTING METABOLIC RATE IN A COHORT OF MIDDLE-UPPER CLASS ADOLESCENT FEMALE ATHLETES: A CROSS-SECTIONAL STUDY

Kelsey A. Conrad; Anastasia Fischer, MD, FAAFP, FACSM; Diane Habash; Jackie Buell

INCREASING RATES OF SURGICAL TREATMENT FOR PEDIATRIC PROXIMAL HUMERUS FRACTURES FROM 2000-2012

Aristides I. Cruz, Jr., MD; Justin E. Kleiner; Craig P. Ebersson; Alan H. Daniels

BIOMECHANICAL EVALUATION OF THE DEPTH OF RESECTION DURING FEMORAL NECK OSTEOPLASTY FOR ANTERIOR IMPINGEMENT FOLLOWING SLIPPED CAPITAL FEMORAL EPIPHYSIS

Kevin Dale, MD; Geoff Burns, MS; Ying Li, MD

NORMAL ANTERIOR HIP TRANSLATION IN THE APPREHENSION POSITION BY ULTRASOUND

Andrea Cianci, PA; Yi-Meng Yen, MD PhD; Andrea Straccolini, MD; Eduardo Novais; Michael Millis; Young-jo Kim; Michael Owens; Mininder S. Kocher, MD MPH; **Pierre d'Hemecourt, MD**

THE RELIABILITY OF A PEDIATRIC LOWER EXTREMITY RETURN TO SPORT TEST

Matthew Ellington, MD; Kelly Randich, PT, DPT; Jessica Garfin; Nicole Archambault, PT, DPT; Joanna H. Roocroft; Andrew Pennock, MD; **Eric Edmonds, MD**

EVIDENCE FOR TRAUMATIC INJURY TO THE SECONDARY PHYSIS OF THE EPIPHYSIS: A DISCUSSION ON OSTEOCHONDritis DISSECANS ONTOLOGY

Ashish Mittal; Jerry Dwek, MD; **Eric Edmonds, MD**

A QUALITATIVE AND QUANTITATIVE DESCRIPTION OF SUPERFICIAL SURGICAL ANATOMY OF THE ILIOTIBIAL BAND

Henry Ellis, MD; Aaron Zynda; William A. Pierce, BS; Philip Wilson, MD

FIXATION OF CHONDRAL-ONLY SHEAR FRACTURES OF THE KNEE IN PEDIATRIC AND ADOLESCENT ATHLETES

Peter D. Fabricant, MD MPH; Yi-Meng Yen, MD PhD; Dennis E. Kramer; Mininder S. Kocher, MD MPH; Lyle Micheli, MD; Benton E. Heyworth, MD

3D CHARACTERIZATION OF JUVENILE OSTEOCHONDritis DISSECANS

Saba Pasha, PhD; Eileen P. Storey, BA; **Theodore J. Ganley, MD**

ASSOCIATION OF CROSSOVER TRIPLE HOP DISTANCE TO FUNCTIONAL MEASURES IN ADOLESCENT ATHLETES POST ACL RECONSTRUCTION AT TIME OF RETURN TO SPORT

Erin J. Garibay, MS; Alexander R. Hoberman; Jessica R. Lloyd, BSBE; Nick Giampetruzzi, MS, PT; Danielle Suprenant, DPT; Carl Nissen; Sylvia Ounpuu, MSc; Matthew Milewski, MD

ARE HOVERBOARD THE NEW MONKEY BARS?

Nicole Goldhaber; Don Bae; Yi-Meng Yen, MD PhD; Benjamin Shore; Dennis E. Kramer; Kyna Donohue; Benton E. Heyworth, MD

DELAYED BALL RESEASE IN BASEBALL PITCHERS: A METHOD TO IMPROVE PERFORMANCE WITHOUT INCREASING RISK OF INJURY

Andrew Goldsmith; Matthew J. Solomito, PhD; Carl Nissen

EARLY VESTIBULAR AND VISUAL DYSFUNCTION PREDICTS PROLONGED SYMPTOMATOLOGY FOLLOWING PEDIATRIC CONCUSSION

Christina Master, MD; **Matthew Grady, MD;** Eileen P. Storey, BA; Olivia Podolak, MD; Julia E. Lockyer, MS; Douglas Wiebe, PhD

VESTIBULAR AND VISION DEFICITS FOLLOWING CONCUSSION IN CHILDREN UNDER 12

Christina Master, MD; Kristy B. Arbogast, PhD; Allison E. Curry, PhD; Ronni Kessler, MEd.; Melissa R. Pfeiffer, MPH; **Matthew Grady, MD**

THROWING RELATED PAIN IN YOUTH BASEBALL PLAYERS: EVIDENCE THAT MONITORING GROWTH, PITCH SPEED AND LOSS OF INTERNAL ROTATION MAY HELP PREVENT INJURIES

Elliot Greenberg; Philip W. McClure, PT, PhD; Alicia Fernandez-Fernandez, PT, PhD; Kshamata Shah, PT, PhD; J. Todd Lawrence, MD

ULTRASOUND ELASTOGRAPHY IN ADOLESCENTS AFTER ACL SURGERY: ASSESSMENT OF MUSCLE ELASTICITY

Netanel S. Berko; Terry L. Levin; Denver A. Burton; Jacob F. Schulz; **Regina Hanstein**; Eric Fornari

TECHNIQUE AND OUTCOMES OF ARTHROSCOPIC TREATMENT FOR OS TRIGONUM IN PEDIATRIC AND ADOLESCENT ATHLETES

Jason Jagodzinski, MD; Michael Busch, MD; Mackenzie Herzog, MPH; Margaux Johnson; Keith May, PT DPT SCS ATC CSCS; Cliff Willimon, MD

MANAGEMENT OF ISOLATED COLLATERAL KNEE LIGAMENT INJURIES IN PEDIATRIC AND ADOLESCENT ATHLETES

Dennis E. Kramer, MD; Patricia E. Miller, MS; Iman K. Berrahou; Benton E. Heyworth, MD; Yi-Meng Yen, MD PhD

AGE-BASED NORMATIVE VALUES AND RELIABILITY OF RADIOGRAPHIC INDICES OF ANKLE SYNDESMOSES IN CHILDREN

Nikita Lakomkin; Peter D. Fabricant, MD MPH; Aristides I. Cruz, Jr., MD; Christopher Brusalis; Nancy Chauvin; J. Todd Lawrence, MD

TREATMENT OF CERVICOGENIC HEADACHES IN PATIENTS WITH CONCUSSION

Jessica Laniak, PT; Kathleen O'Brien

LIMB LENGTH DISCREPANCY AND STATIC VALGUS MALALIGNMENT ARE RISK FACTORS FOR ANTERIOR CRUCIATE LIGAMENT INJURY IN THE SKELETALLY IMMATURE ATHLETE

Lionel E. Lazaro; Jelle Van Der List; Frank A. Cordasco, MD; Daniel Green, MD

COMPARISON OF SIDE TO SIDE HIP MORPHOLOGY IN PATIENTS WITH UNILATERAL SYMPTOMATIC FEMOROACETABULAR IMPINGEMENT

Stephanie Mayer, MD; Lauryn Kestel, BS; Patrick Carry, MS

CHONDRAL INJURIES AND IRREPARABLE MENISCAL TEARS ARE MORE COMMON IN MEDICAID PATIENTS AMONG ADOLESCENT PATIENTS WITH ACL OR MENISCAL TEARS

Ariel A. Williams, MD; Nickolas S. Mancini, BS; Matthew J. Solomito, PhD; Carl Nissen; **Matthew Milewski, MD**

OPERATIVE TREATMENT OF MULTIDIRECTIONAL INSTABILITY IN THE SKELETALLY IMMATURE ATHLETE

Daniel M. Avery, III, MD; Ariel A. Williams, MD; Regina Kostyun; Kyle Kostyun, ATC; Matthew J. Solomito, PhD; Matthew Milewski, MD; **Carl Nissen**

TIME FROM ACL TEAR TO RECONSTRUCTION IN PRIVATELY AND PUBLICLY INSURED PEDIATRIC PATIENTS: DOES PUBLIC INSURANCE LEAD TO INCREASED DELAYS AND SECONDARY INJURY?

Krishn Khanna, MD; Jason Jagodzinski, MD; Abhinav Janghala, BA; **Nirav K. Pandya, MD**

SEGOND FRACTURE: A RISK FACTOR FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION FAILURE?

Christopher Gaunder, MD; Tracey Bastrom, MA; **Andrew Pennock, MD**

OUTCOMES AFTER ARTHROSCOPIC BANKART REPAIR IN ADOLESCENT ATHLETES PARTICIPATING IN COLLISION AND CONTACT SPORTS

Michael Saper, DO; Charles Milchteim, MD; Robert Zondervan, BS; James Andrews, MD; Roger Ostrander, III, MD

EPIDEMIOLOGY OF SHOULDER AND ELBOW INJURIES AMONG US HIGH SCHOOL BASEBALL PLAYERS, 2005-2006 THROUGH 2014-2015

Michael Saper, DO; Lauren Pierpoint, MS; Wei Liu, PhD; Dawn Comstock, PhD; John D. Polousky, MD; James Andrews, MD

OUTCOMES AND RETURN TO SPORTS AFTER REVISION ACL RECONSTRUCTION IN ADOLESCENT ATHLETES

Michael Saper, DO; Joseph Shung, MD; Stephanie Pearce, MD; James Andrews, MD

SUCCESS OF MENISCAL REPAIRS WITH CONCOMITANT ACL RECONSTRUCTION IN PATIENTS UNDER THE AGE OF 18

Marc Tompkins, MD; Stephen Nystrom; Kyle Gronbeck; Bryan Perkins

THE TYPICAL RESTING POSITION OF THE ADOLESCENT SCAPULA

Nicolas Vardiabasis; John Schlechter, DO

PROXIMAL RADIAL EPIPHYSEAL INJURIES IN GYMNASTS

Shane Miller, MD; Charles W. Wyatt, PNP; Henry Ellis, MD; **Philip Wilson, MD**

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DISCLOSURE SUMMARY

Speaker Name	Commercial Interest	Nature of Relevant Relationship
Christopher Ahmad, MD	Arthrex Inc	Consultant
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Henry Chambers, MD	Allergan Corp	Research Grant Site Principal Investigator
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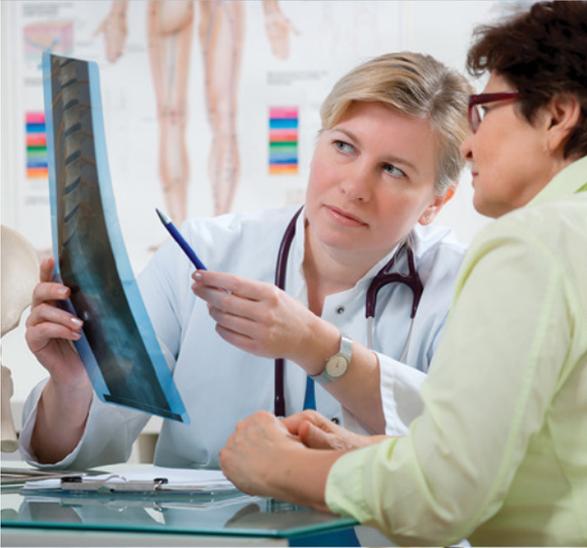
Nothing to disclose:

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