

# 5<sup>th</sup> ANNUAL MEETING



### January 25-27, 2018

Marriott Renaissance Fort Lauderdale - Plantation Hotel 1230 S. Pine Island Rd. | Plantation, Florida 33324

SPONSORED BY: Joe DiMaggio Children's Hospital and [U-18] Sports Medicine

## Joe DiMaggio Children's Hospital

Join a Leading Children's Hospital in South Florida



#### PHYSICIAN CAREER OPPORTUNITIES

Joe DiMaggio Children's Hospital, part of Memorial Healthcare System, is expanding and looking for physicians to fill the following positions:

- Developmental & Behavioral Pediatrics
- Pediatric Orthopaedic Surgery
- Pediatric Orthopaedic Sports Medicine Palm Beach

These are full-time employed positions with the multispecialty Memorial Physician Group. The positions offer competitive benefits and compensation packages that are commensurate with training and experience. Professional malpractice and medical liability are covered under sovereign immunity.

about open opportunities

#### About Joe DiMaggio Children's Hospital

Joe DiMaggio Children's Hospital opened in 1992 and has grown to be the leading children's hospital in Broward and Palm Beach counties. With 226 beds, an 84-bed Level II and III NICU, 30-bed PICU and 12-bed intermediate care unit, Joe DiMaggio Children's Hospital combines leading-edge clinical excellence with a child- and family-friendly environment that emphasizes the Power of Play. Joe DiMaggio Children's Hospital offers a comprehensive range of healthcare services – delivered with kindness, dedication and compassion.

#### About South Florida

South Florida offers a dynamic urban/suburban lifestyle with an abundance of cultural and recreational amenities, miles of beautiful beaches, top-rated golf courses, zoos and wildlife refuges, a vibrant arts community, museums and world-class dining. South Florida's high quality of life – including year-round summer weather, exciting multiculturalism and **no state income** tax – attracts new residents from all over the country and around the world.

To submit your CV for consideration, please visit memorialphysician.com. Additional information about Joe DiMaggio Children's Hospital can be found at jdch.com.

visit memorialphysician.com

### LIVE. WORK. PLAY.



#### WELCOME

The PRiSM 5<sup>th</sup> 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 diligently 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  $2^{1}/_{2}$  days of multidisciplinary education, engaging experts in the field of pediatric sports medicine, and collaboration opportunities.

#### **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 5<sup>th</sup> 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

#### Satisfactory completion

Participants must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. NOTE: If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/ certification board to determine course eligibility for your licensing/ certification requirement.

#### Physicians

Accreditation 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 Amedco and Pediatric Research in Sorts Medicine Society. Amedco is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement - Amedco designates this live activity for a maximum of 22.50 AMA *PRA Category 1 Credits*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### Pennsylvania Physical Therapist

PRISM 5th Annual Meeting has been approved for 22.50 credits by the PA State Board of Physical Therapy. Approval Number: PTCE013114.

#### **Texas Physical Therapist**

The PRISM 5th Annual Meeting has been approved for 22.50 continuing competence unit(s) (CCUs). Course Approval Number: 63890TX.

Participant License Number:

Texas Physical Therapist Reciprocity:

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Alabama	Kentucky	Oregon
Alaska	Louisiana	Rhode Island
Arizona	Maine	South Carolina
Arkansas	Massachusetts	South Dakota
Connecticut	Michigan	Tennessee
Delaware	Minnesota	Utah
Georgia	Missouri	Vermont
Hawaii	Mississippi	Virginia
Idaho	Nebraska	Washington
Indiana	New Hampshire	Wisconsin
Iowa	North Carolina	Wyoming
Kansas	North Dakota	

#### **Florida Physical Therapist**

This course has been submitted for review to the Florida Board of Physical Therapy.

#### BOC

This course has been submitted for review to the Board Of Certification For The Athletic Trainer.

#### **EVALUATIONS AND CME/CEU CERTIFICATES**

Upon completion of the 5th Annual Meeting, attendees may claim CME/CEU credits and print their certificate by visiting http://prism. cmecertificateonline.com and completing a brief evaluation.



#### ACKNOWLEDGEMENTS

**The Pediatric Research in Sports Medicine Society** would like to thank the following organizations for their generous support of the Society and 5<sup>th</sup> Annual Meeting...

### Joe DiMaggio Children's Hospital

OrthoPediatrics

#### **EXHIBITORS**

We would like to thank the following companies for exhibiting at PRiSM's 5<sup>th</sup> Annual Meeting. Exhibits are located in the Pre-Function Area, outside of the Grand Ballroom. These companies and organizations help to make our Annual Meeting possible, and encourage you to visit the exhibits.

> Arthrex Canon Medical Systems CEP-Topical Gear Ceterix Orthopaedics Healthy Roster Joe DiMaggio Children's Hospital [U-18] Sports Medicine OrthoPediatrics Smith & Nephew Whale Imaging Inc.

#### ANNOUNCEMENTS

#### **Mobile Devices**

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

#### **Internet Access**

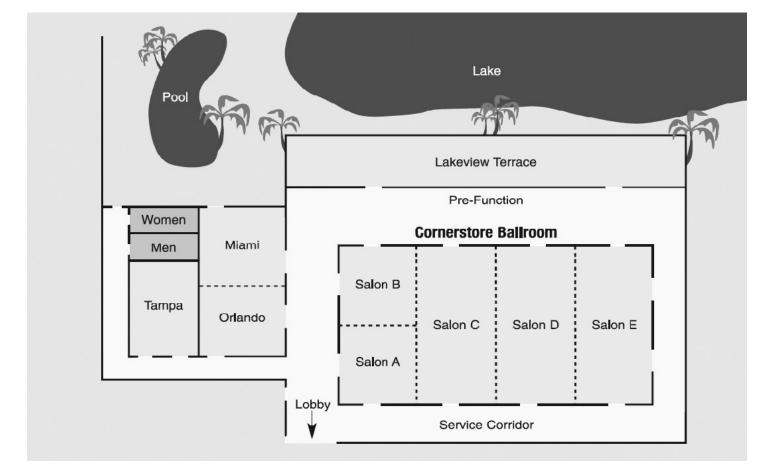
Complimentary internet is available throughout the conference center and hotel.

#### Meals

Breakfast and lunch will be provided on Friday, January 26<sup>th</sup> and Saturday, January 27<sup>th</sup>. Continental breakfast will be available in Salons A/B and the Terrace. Lunch buffets will be available on the Terrace.

#### Networking Reception- Friday, January 26th

A one-hour networking reception will be held in the Pre-Function Area and Terrace at 5:15 pm. Participants will have a chance to speak with colleagues, exhibitors and poster presenters.



#### Wednesday, January 24, 2018

3:00 – 7:00 pm REGISTRATION Hotel Lobby Thursday, January 25, 2018 6:30 am - 9:30 pm REGISTRATION Hotel Lobby 7:00 - 8:00 am BREAKFAST Salons A/B 8:00 am - 1:00 pm PRE-COURSE: Management of ACL Injury in the Young Athlete Salons A/B Program chairs: Mark Paterno PT, PhD, SCS and Kenneth Rogers PhD, ATC Presenters: Whitney Chambers PT, DPT, SCS, OCS; Andy Zbojniewicz, MD; Joseph T. Molony PT, SCS, OCS; Jeremy Frank, MD; Ted Ganley, MD; Elliot Greenberg PT, PhD, DPT, OCS; Alex Avila PT, DPT, SCS; Marcos Davy PT, DPT, SCS, CSCS; Jay Albright, MD; Greg Myer, PhD AGENDA 8:00-8:10 Welcome/Introduction 8:10-8:40 ACL Injury Prevention in Kids • Science Behind ACL Prevention in Kids: What works and when to start (15 min) • Implementing ACL Prevention in Kids (15 min) 8:40-9:00 MRI Assessment of the ACL Injured Knee Non-Operative Management of ACL injury 9:00-9:30 9:30-10:00 Panel Discussion 10:00-10:15 BREAK 10:15-11:00 Operative Management of ACL Injury in the Skeletally Immature Athlete Introduction to Pediatric ACL Reconstruction (5 min) • ACL Reconstruction: Over the Top (10 min) All Epiphyseal ACL Reconstruction (10 min) • ACL Reconstruction with Quad Tendon Graft (10 min) • Panel Discussion (10 Min) 11:00-11:30 Special Considerations for Post-Op Management after ACLR in the Skeletally Immature Athlete 11:30-11:50 Return to Sport Decision Making after ACLR 11:50-12:10 Outcome after ACLR: What do our patients have to look forward to .... And Secondary ACL prevention 12:10-12:30 How to Deal with Unrealistic Expectations 12:30-12:50 Panel Discussion 12:50-1:00 **Final Remarks** 2:00 – 5:00 pm **PRISM RESEARCH INTEREST GROUP MEETINGS** Miami, Orlando, Salons A/B/C/D/E Miami, Orlando, Salons A/B

- 5:00 7:00 pm **PRISM COMMITTEE MEETINGS**
- 7:00 7:15 pm WELCOME & OPENING REMARKS Kevin Shea, MD and Ted Ganley, MD

LOCATION

Salons C/D/E



#### LOCATION Salons C/D/E

Salons C/D/E

#### 7:15 – 7:45 pm KEYNOTE PRESENTATION

#### Cutting Edge Surgical and Basic Science Issues in Singapore and the Far East James Hui, FAMS, FRCS, MBBS



Professor James Hui specializes in the management of orthopaedic problems in children, as well as general orthopaedics. His special areas of interest are the care, rehabilitation and surgical treatment of musculoskeletal problems occurring in infants and children, such as hip dysplasia and dislocation, foot deformities, spinal deformities, limb length discrepancies and neuromuscular disorders such as Cerebral Palsy, Spina Bifida and Muscular Dystrophy.

Professor Hui completed his medical degree at the National University of Singapore. He subsequently completed his surgical and orthopaedic training at the National University Hospital, Singpaore. He

is a fellowship-trained paediatric orthopaedic surgeon, having spent a year in Australia on a paediatric orthopaedic fellowship. Professor Hui is actively involved in undergraduate and postgraduate teaching at NUS. He is a member of numerous professional societies including the Paediatric Orthopaedic Society of North America, the Asia Pacific Orthopaedic Association and the Singapore Medical Association. Professor Hui is actively involved in clinical and basic science research.

#### **COCKTAILS & COMPLEX CASE PRESENTATIONS** 7:45 – 9:30 pm Moderators: Hank Chambers, MD; Andrew Gregory, MD; Michael Jofe, MD; Antonio Milian, ATC, LAT

Friday, January 26, 2018

6:00 am – 7:00 pm	REGISTRATION		Hotel Lobby
6:30 – 7:30 am	BREAKFAST	Sal	lons A/B; Terrace
7:15 – 7:45 am	PRISM BUSINESS MEETING		Salons C/D/E
	AGENDA		
	1) <b>PRiSM Membership</b> Ask colleagues to join	Kevin Shea	
	2) Financial Report	Donna Pacicca	
	3) Election – Vote on slate	Mininder Kocher	
	<ul> <li>4) Committees Education Membership Research</li> <li>5) Thank you to Departing Board Members Donna Pacicca – Treasurer Cordelia Carter – Secretary David Howell – Director at Large Andrea Stracciolini – Director at Large</li> </ul>	Matt Milewski/Donna Merkel Mike Busch/Kristina Parvanta Ben Heyworth/Jeff Nepple Kevin Shea	
7:45 – 11:30 am	GENERAL SESSION		Salons C/D/E
7:45 – 8:00 am	MEETING INTRODUCTION James Carey, MD		
8:00 – 8:45 am	SCIENTIFIC PAPERS SESSION I – FEMALE ATHLE	TE	
8:00-8:05	RESEARCH UPDATE Katherine Rizzone, MD		
8:06-8:11	LOW ENERGY AVAILABILITY CAUSES IMPAIRME Kathryn Ackerman, MD, MPH, FACSM	NTS BEYOND THE TRIAD IN ADOLESCENT FEMALE ATHL	.ETES
8:12-8:17	SEASMOID FRACTURES IN FEMALE PERFORMIN Andrea Stracciolini, MD	G ATHLETES PRESENTING TO A PEDIATRIC SPORTS MED	ICINE PROGRAM
8:18-8:23	GIRLS' GYMNASTICS INJURIES IN UNITED STATE	S HIGH SCHOOLS 2008/2009 THROUGH 2011/2012: A	NATIONAL

- SUMMARY Traci Snedden, PhD, RN
- **CURRENT CONCEPTS & FUTURE RESEARCH** 8:24-8:29 Cordelia Carter, MD
- 8:30-8:44 DISCUSSION



		LOCATION
8:45 – 9:30 am	SCIENTIFIC PAPERS SESSION II – REHABILITATION	Salons C/D/E
8:45-8:50	RESEARCH UPDATE Elliot Greenberg, PT, PhD	
8:51-8:56	BARRIERS TO PHYSICAL ACTIVITY AND RETURN TO SPORT AMONG ADOLESCENTS RECONSTRUCTION Christopher Kuenze, PhD, ATC	WITH A RECENT HISTORY OF ACL
8:57-9:02	RETURN TO PLAY CLEARANCE IN ADOLESCENTS FOLLOWING ANTERIOR CRUCIATE CONSIDERATIONS OF THE CONTRALATERAL EXTREMITY <i>Henry Ellis, MD</i>	LIGAMENT RECONSTRUCTION:
9:03-9:08	ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION REHABILITATION CLINICAL PR PRISM SOCIETY Elliot Greenberg, PT, PhD	ACTICE PATTERNS: A SURVEY OF THE
9:09-9:14	CURRENT CONCEPTS & FUTURE RESEARCH Mark Paterno, PT, PhD, SCS	
9:15-9:29	DISCUSSION	
9:30 – 10:15 am	INSTRUCTIONAL COURSE: RESEARCH STATISTICS, EVIDENCE BASED MEDICINE Reliability- James Carey, MD Levels of Evidence with Examples- Mininder Kocher, MD Evidence-Based Practice- Kevin Shea, MD	Salons C/D/E
10:15 – 10:30 am	EXHIBIT AND POSTER VIEWING BREAK Pre-Funct	ion Area, outside the Grand Ballroom
10:30 – 11:30 am	KEYNOTE PRESENTATION	Salons C/D/E
	The NCAA: Current Issues in Collegiate Athletes Brian Hainline, MD	
	Dr. Hainline is the first chief medical officer of the NCAA and over Brian has been actively involved in sports medicine. He co-author played a pivotal role in the development of drug testing and educ served on the New York State Athletic Commission, the United St Medicine Committee and was a founding member of the Executive Academy of Neurology Sports Neurology Section, where he served	red Drugs and the Athlete, and cation protocols worldwide. He has ates Olympic Committee's Sports ve Committee of the American
11:30 am – 12:00 pm	<b>HISTORY OF PRISM AND WHERE WE ARE TODAY</b> President, Kevin Shea, MD	Salons C/D/E
12:00 – 1:45 pm	LUNCH	
12:30 – 1:30 pm	CLINICAL CASE PRESENTATION: Managing Upper Extremity Cases in the Athlete: Recurrent Shoulder Instability, Elbow Osteochondral Lesions, and UCL Tears Nirav Pandya, MD; Joe Molony, PT; Neeraj Patel, MD	Salons D/E
12:30 – 1:30 pm	BRING YOUR OWN CHALLENGING CASE: An Expert Panel Jeremy Frank, MD; Mark Paterno, PT, PhD, SCS; Cliff Willimon, MD; Shital Parikh, I Tina Master, MD; Andrew Gregory, MD; Phil Wilson, MD; Donna Pacicca, MD; Nat	
12.20 1.20 pm	INDUSTRY SESSION: Limb Boolignmont Bringiples and Techniques for Ostooshand	ral Miami/Orlando

12:30 – 1:30 pmINDUSTRY SESSION: Limb Realignment Principles and Techniques for Osteochondral,<br/>Meniscus, and Patellofemoral Conditions, presented by OrthoPediatrics<br/>John Polousky, MD; Aristides Cruz, MD; Peter Fabricant, MDMiami/Orlando



#### BREAKOUTS

	LOCATION		LOCATION
1:45 – 2:30 pm	SCIENTIFIC PAPERS SESSION III – ULTRASOUND Salons A/B/C	1:45 – 2:30 pm	SCIENTIFIC PAPERS SESSION IV – ACL Salons D/E
1:45-1:50	RESEARCH UPDATE Andrea Stracciolini, MD	1:45-1:50	PLUTO UPDATE Mininder Kocher, MD
1:51-1:56	THE USE OF POCKET-SIZED ULTRASOUND IN THE DIAGNOSIS AND ASSESSMENT OF BOTH BONE FOREARM FRACTURE <i>Nirav Pandya, MD</i>	1:51-1:56	AGE, HEIGHT, WEIGHT AND MRI MEASUREMENTS ARE NOT RELIABLE PREDICTORS OF HAMSTRING GRAFT SIZE IN ADOLESCENT PATIENTS <i>Melissa Christino, MD</i>
1:57-2:02	ULTRASOUND ELASTOGRAPHY OF THE PATELLAR TENDON IN YOUNG ACTIVE AND SEDENTARY PEOPLE Regina Hanstein, PhD	1:57-2:02	ALLOGRAFT AUGMENTATION OF HAMSTRING ANTERIOR CRUCIATE LIGAMENT GRAFTS IS ASSOCIATED WITH INCREASED GRAFT FAILURE <i>Crystal Perkins, MD</i>
2:03-2:08	CURRENT CONCEPTS & FUTURE RESEARCH Pierre d'Hemecourt, MD	2:03-2:08	EFFECT OF ACLR GRAFT TYPE ON MOVEMENT STRATEGIES DURING A VERTICAL DROP JUMP IN ADOLESCENT ATHLETES <i>Curtis Vandenberg, MD</i>
2:09-2:29	DISCUSSION	2:09-2:14	CURRENT CONCEPTS & FUTURE RESEARCH Michael Busch, MD
		2:15-2:29	DISCUSSION

2:30 – 3:15 pm	SCIENTIFIC PAPERS SESSION V – STRESS FRACTURES Salons A/B/C	2:30 – 3:15 pm	SCIENTIFIC PAPERS SESSION VI – OCD KNEE Salons D/E
2:30-2:35	RESEARCH UPDATE Kathryn Ackerman, MD, MPH, FACSM	2:30-2:35	ROCK UPDATE James Carey, MD, MPH
2:36-2:41	MALE ATHLETE CUMULATIVE RISK ASSESSMENT IS HIGHLY PREDICTIVE OF BONE STRESS INJURIES IN ELITE MALE DISTANCE RUNNERS: RESULTS OF A THREE-YEAR PROSPECTIVE STUDY Emily Kraus, MD	2:36-2:41	ASSESSMENT OF CARTILAGE GROWTH AFTER BIOPSY OF OSTEOCHONDRAL LOOSE BODIES FOR USE IN AUTOLOGOUS CHONDROCYTE IMPLANTATION Brian Haus, MD
2:42-2:47	INTERRELATIONSHIP OF BONE MINERAL DENSITY, BONE STRESS INJURIES, AND BONE CONTENT IN FEMALE ATHLETES Kathryn Ackerman, MD, MPH, FACSM	2:42-2:47	META-ANALYSIS OF INTERNAL FIXATION OF OSTEOCHONDRITIS DISSECANS OF THE KNEE: BIOABSORBABLE VERSUS METALLIC IMPLANTS Matthew Milewski, MD
2:48-2:53	FOCAL PERIPHYSEAL EDEMA (FOPE): A NEWLY REPORTED CAUSE OF KNEE PAIN IN ADOLESCENT ATHLETES Benton Heyworth, MD	2:48-2:53	CHILDHOOD OBESITY IS ASSOCIATED WITH OSTEOCHONDRITIS DISSECANS OF THE KNEE, ANKLE, AND ELBOW IN CHILDREN AND ADOLESCENTS Kevin Shea, MD
2:54-2:59	CURRENT CONCEPTS & FUTURE RESEARCH Andrew Gregory, MD	2:54-2:59	CURRENT CONCEPTS & FUTURE RESEARCH John Polousky, MD
3:00-3:14	DISCUSSION	3:00-3:14	DISCUSSION
			LOCATION

#### 3:15 – 3:45 pm EXHIBIT AND POSTER VIEWING BREAK

Pre-Function Area, outside the Grand Ballroom



	LOCATION		LOCATION
3:45 – 4:30 pm	SCIENTIFIC PAPERS SESSION VII – INJURY PREVENTION Salons A/B/C	3:45 – 4:30 pm	SCIENTIFIC PAPERS SESSION VIII – MENISCUS Salons D/E
3:45-3:50	RESEARCH UPDATE Kevin Latz, MD: Lauren Butler, DPT	3:45-3:50	RESEARCH UPDATE Benton Heyworth, MD
3:51-3:56	TRAINING ASSESSMENT AND COUNSELING IN KIDS Neeru Jayanthi, MD	3:51-3:56	ANALYSIS OF MENISCAL VASCULARITY IN CHILDREN William Fedje-Johnston, MD
3:57-4:02	RISK FACTORS FOR IN-SEASON INJURY IN VARSITY COLLEGIATE CROSS-COUNTRY ATHLETES Aristides Cruz, MD	3:57-4:02	THE POSITION OF THE POPLITEAL ARTERY RELATIVE TO THE MENISCI IN CHILDREN: A CADAVERIC STUDY Aleksei Dingel, BS
4:03-4:08	RISK FACTORS IN ELITE ADOLESCENT MALE SOCCER PLAYERS: PROSPECTIVE STUDY Dai Sugimoto, PhD	4:03-4:08	THERE IS A HIGH RATE OF UNREGONIZED MENISCAL INJURIES ON MAGNETIC RESONANCE IMAGING IN PEDIATRIC AND ADOLESCENT PATIENTS WITH ANTERIOR CRUCIATE LIGAMENT TEARS <i>Emily Clarke, BS</i>
4:09-4:14	CURRENT CONCEPTS & FUTURE RESEARCH Greg Myer, MD	4:09-4:14	CURRENT CONCEPTS & FUTURE RESEARCH Hank Chambers, MD
4:15-4:29	DISCUSSION	4:15-4:29	DISCUSSION

4:30 – 5:15 pm	SCIENTIFIC PAPERS SESSION IX – SPONDYLOLYSIS Salons A/B/C	4:30 – 5:15 pm	SCIENTIFIC PAPERS SESSION X – SHOULDER INSTABILITY Salons D/E
4:30-4:35	RESEARCH UPDATE James MacDonald, MD, MPH	4:30-4:35	RESEARCH UPDATE Jonathon Riboh, MD
4:36-4:41	THE EFFECT OF MANUAL THERAPY, CORE STABILIZATION, AND FEAR-REDUCING EDUCATION ON CHRONIC LOW BACK PAIN IN A 15-YEAR-OLD BALLERINA Nicholas Purcell, PT, DPT, SCS	4:36-4:41	ESTABLISHMENT OF NORMATIVE SHOULDER RANGE OF MOTION VALUES IN THE PEDIATRIC POPULATION Sean Cahill, BA
4:42-4:47	AN ALTERNATIVE MODEL OF CARE FOR THE TREATMENT OF ADOLESCENT ATHLETES WITH LOW BACK PAIN: A FEASIBILITY STUDY Mitchell Selhorst, PT	4:42-4:47	THE LATARJET PROCEDURE FOR ANTERIOR SHOULDER INSTABILITY IN PEDIATRIC AND ADOLESCENT ATHLETES Benton Heyworth, MD
4:48-4:53	RETRO ARTICULAR DRILLING WITH SUPPLEMENTAL BONE MARROW ASPIRATE CONCENTRATE FOR OCD OF THE KNEE Nathan Grimm, MD	4:48-4:53	A COMPARISON OF BIPOLAR BONE LOSS AND GLENOID TRACK LESIONS IN LESS THAN 20 YEARS-OLDS VS GREATER THAN 20 YEAR-OLDS WITH SHOULDER INSTABILITY <i>Nirav Pandya, MD</i>
4:54-4:59	CURRENT CONCEPTS & FUTURE RESEARCH Pierre d'Hemecourt, MD	4:54-4:59	CURRENT CONCEPTS & FUTURE RESEARCH Jeremy Frank, MD
5:00-5:14	DISCUSSION	5:00-5:14	DISCUSSION
Υ			LOCATION

#### 5:15 - 6:15 pm NETWORKING EXHIBIT AND POSTER RECEPTION

Pre-Function Area and Terrace, outside the Grand Ballroom



#### LOCATION

Saturday, Janua	ary 27. 2018
6:00 am – 6:00 pm	
7:00 – 7:45 am	
7:45 – 11:30 am	GENERAL SESSION Salons C/D/E
7:45 – 8:00 am	INTRODUCTION TO SCIENTIFIC PROGRAM James Carey, MD; Ted Ganley, MD
8:00 – 8:45 am	SCIENTIFIC PAPERS SESSION XI – CONCUSSION
8:00-8:05	RESEARCH UPDATE David Howell, PhD
8:06-8:11	A PROSPECTIVE STUDY ON THE INCIDENCE AND ONSET OF SPORT RELATED CONCUSSIONS IN FEMALE HIGH SCHOOL SOCCER PLAYERS Stephanie Kliethermes, PhD
8:12-8:17	HEALTH RELATED QUALITY OF LIFE AND DEPRESSION LEVELS IN ADOLESCENT MALES AND FEMALES IN THE 6-MONTHS FOLLOWING A SPORTS RELATED CONCUSSION Stephanie Kliethermes, PhD
8:18-8:23	LONGITUDINAL MULTIMODAL ASSESSMENT TO QUANTIFY CONCUSSION RECOVERY TRAJECTORY AMONG YOUTH ATHLETES David Howell, PhD
8:24-8:29	CURRENT CONCEPTS & FUTURE RESEARCH Christina Master, MD
8:30-8:44	DISCUSSION
8:45 – 9:30 am	SCIENTIFIC PAPERS SESSION XII – TIBIAL SPINE
8:45-8:50	RESEARCH UPDATE Henry Ellis, MD
8:51-8:56	THE SURGICAL MANAGEMENT OF TIBIAL SPINE FRACTURES IN CHILDREN: A SURVEY OF TREATING PROVIDERS Eileen Storey, BA
8:57-9:02	CLINICAL OUTCOMES OF SUTURE VS. SCREW FIXATION OF TIBIAL SPINE AVULSION FRACTURES Mininder Kocher, MD, MPH
9:03-9:08	OPIOID UTILIZATION AFTER KNEE ARTHROSCOPIC SURGERY Mininder Kocher, MD, MPH
9:09-9:14	CURRENT CONCEPTS & FUTURE RESEARCH Ted Ganley, MD; Julien Aoyama, BA
9:15-9:29	DISCUSSION
9:30 – 10:15 am	SCIENTIFIC PAPERS SESSION XIII – OUTCOME MEASURES
9:30-9:35	RESEARCH UPDATE Peter Fabricant, MD
9:36-9:41	OUTCOME METRICS IN PEDIATRIC SPORTS MEDICINE: DO PROMIS COMPUTER ADAPTIVE TESTING METRICS CORRELATE WITH PEDIATRIC IKDC SCORES? Jeffrey Nepple, MD
9:42-9:47	IDENTIFYING YOUTH ATHLETES AT RISK FOR FAILURE TO RETURN TO PLAY FOLLOWING ACL RECONSTRUCTION Erica Force, MD
9:48-9:53	AUTOLOGOUS CHONDROCYTE IMPLANTATION AS TREATMENT FOR UNSALVAGEABLE OSTEOCHONDRITIS DISSECANS: 10 TO 25 YEAR FOLLOW-UP James Carey, MD
9:54-9:59	CURRENT CONCEPTS & FUTURE RESEARCH Kevin Shea, MD
10.00 10.14	

10:00-10:14 DISCUSSION



10:15 – 10:30 am	EXHIBIT AND POSTER VIEWING BREAK	Pre-Function Area, outside the Grand Ballroom
10:30 – 11:30 am	ALLEN ANDERSON LECTURESHIP	Salons C/D/E
	A Lifetime of Learning about the Pediatric Athlete Carl Stanitski, MD	
	Dr. Stanitski is an Emeritus Professor of Orthopaedic S of South Carolina. He served as Field Staff Representa Medical Education from 2005-2015. Dr. Stanitski's exp residency at the University of Pittsburgh, continued w included work at the University of Pittsburgh, Childre University.	tive of the Accreditation Council for Graduate berience in orthopaedic surgery started with his vith his fellowship at CMHC Boston and has
11:30 am – 12:00 pm	<b>PRISM GAVEL EXCHANGE AND AWARDS</b> President, Kevin Shea, MD First Vice President, Ted Ganley, MD	Salons C/D/E
12:00 – 1:45 pm	LUNCH	
12:30 – 1:30 pm	CLINICAL CASE PRESENTATION: Lower Extremity Sports Injuries Aristides Cruz, MD; Mark Paterno, PT, PhD, SCS; Matthew Grady, MD	Salons D/E
12:30 – 1:30 pm	ULTRASOUND WORKSHOP: Peripheral Joint Exams Pierre d'Hemecourt, MD; Andrea Stracciolini, MD	Tampa
12:30 – 1:30 pm	INDUSTRY SESSION: Pediatric ACL: Update on Epiphyseal ACL Techniqu presented by Arthrex Dan Green, MD; Jay Albright, MD; Paul Saluan, MD	ues and Quad Tendon Autograft,Miami/Orlando

#### BREAKOUTS

	LOCATION		LOCATION
1:45 – 2:30 pm	SCIENTIFIC PAPERS SESSION XIV – SPORT SPECIALIZATION Salons A/B/C	1:45 – 2:30 pm	SCIENTIFIC PAPERS SESSION XV – PATELLOFEMORAL INSTABILITY Salons D/E
1:45-1:50	RESEARCH UPDATE Scott McKay, MD	1:45-1:50	RESEARCH UPDATE Dan Green, MD
1:51-1:56	IS IT SAFE FOR ADOLESCENTS TO RUN A MARATHON? Jennifer Beck, MD	1:51-1:56	FIRST DO NO HARM: A COMPARISON OF PATELLOFEMORAL CONTACT PRESSURES AND LIGAMENT ISOMETRY IN SKELETALLY IMMATURE MPFL RECONSTRUCTION TECHNIQUES Sheena Black, MD
1:57-2:02	A PRELIMINARY INVESTIGATION OF PARTICIPATION CHARACTERISTICS BY LEVEL OF SPECIALIZATION AMONG YOUTH SOCCER ATHLETES Charles Chan, MD	1:57-2:02	AXIAL WIDTH OF PATELLAR TENDON BEYOND LATERAL TROCHLEAR RIDGE: A NOVEL MEASUREMENT OF PATELLOFEMORAL INSTABILITY John Urwin, MD
2:03-2:08	NORMATIVE ATHLETIC ACTIVITY LEVEL DATA IN CHILDREN AND ADOLESCENTS: A CROSS- SECTIONAL STUDY OF 2,002 AMERICAN YOUTH Peter Fabricant, MD, MPH	2:03-2:08	OUTCOMES OF MEDIAL PATELLAR TENDON TRANSFER WITH PROXIMAL REALIGNMENT IN YOUNG SKELETALLY IMMATURE CHILDREN WITH PATELLAR INSTABILITY Jeffrey Nepple, MD
2:09-2:14	CURRENT CONCEPTS & FUTURE RESEARCH Allison Crepeau, MD	2:09-2:14	CURRENT CONCEPTS & FUTURE RESEARCH Shital Parikh, MD
2:14-2:29	DISCUSSION	2:14-2:29	DISCUSSION

LOCATION



	LOCATION		LOCATION
2:30 – 3:15 pm	SCIENTIFIC PAPERS SESSION XVI – HIP DISORDERS Salons A/B/C	2:30 – 3:15 pm	SCIENTIFIC PAPERS SESSION XVII – OCD ELBOW Salons D/E
2:30-2:35	RESEARCH UPDATE Jeffrey Nepple, MD	2:30-2:35	ROCKET UPDATE Carl Nissen, MD
2:36-2:41	CAM FEMOROACETABULAR IMPINGEMENT MORPHOLOGY DEVELOPS DURING ADOLESCENCE AND IS ASSOCIATED WITH PHYSICAL ACTIVITY Sasha Carsen, MD	2:36-2:41	ANATOMY VS ACTIVITY: A COMPARISON OF CAPITELLAR OSTEOCHONDRITIS DISSECANS IN GYMNASTS AND BASEBALL PLAYERS Philip Wilson, MD
2:42-2:47	RADIATION EXPOSURE IN THE YOUNG ADULT HIP PATIENT: DOES LOW-DOSE COMPUTED TOMOGRAPHY REDUCE RADIATION EXPOSURE ADEQUATELY? <i>Alvin Su, MD, PhD</i>	2:42-2:47	META-ANALYSIS OF ADOLESCENT CAPITELLAR OSTEOCHONDRITIS DISSECANS: PREDICTIVE ROLE OF SYMPTOM DURATION ON PROGNOSIS <i>Carl Nissen, MD</i>
2:48-2:53	ANTERIOR CENTER-EDGE ANGLE ON SAGITTAL CT: A COMPARISON OF NORMAL HIP TO DYSPLASTIC HIPS Brian Haus, MD	2:48-2:53	THE DEMOGRAPHICS AND EPIDEMIOLOGY OF OSTEOCHONDRITIS DISSECANS OF THE ELBOW IN CHILDREN AND ADOLESCENTS Kevin Shea, MD
2:54-2:59	CURRENT CONCEPTS & FUTURE RESEARCH Mininder Kocher, MD	2:54-2:59	CURRENT CONCEPTS & FUTURE RESEARCH Philip Wilson, MD
3:00-3:14	DISCUSSION	3:00-3:14	DISCUSSION

#### 3:15 – 3:45 pm EXHIBIT AND POSTER VIEWING BREAK

LOCATION Pre-Function Area, outside the Grand Ballroom

3:45 – 4:30 pm	SCIENTIFIC PAPERS SESSION XVIII – GROWTH AND DEVELOPMENT Salons A/B/C	3:45 – 4:30 pm	SCIENTIFIC PAPERS SESSION XIX – UCL/MEDIAL EPICONDYLE Salons D/E
3:45-3:50	PROXIMAL HUMERAL PHYSEAL CLOSURE PATTERNS CORRELATE WITH SKELETAL AGE <i>Jeffrey Nepple, MD</i>	3:45-3:50	RESEARCH UPDATE Benton Heyworth, MD; Todd Lawrence, MD
3:51-3:56	INNACCURACY OF SELF-REPORTED TANNER STAGE BY ADOLESCENTS Brett McQueen, MS, LAT, ATC	3:51-3:56	OUTCOMES AND RETURN TO PLAY AFTER ULNAR COLLATERAL LIGAMENT RECONSTRUCTION IN ADOLESCENT ATHLETES <i>Michael Saper, DO, ATC</i>
3:57-4:02	FUNCTIONAL OUTCOMES AND COMPLICATIONS FOLLOWING SURGICAL TREATMENT OF SOLITARY PERI-ARTICULAR KNEE OSTEOCHONDROMAS IN PEDIATRIC AND ADOLESCENT PATIENTS Benton Heyworth, MD	3:57-4:02	EXCESSIVE SAGITTAL PLANE TRUNK MOTION IN BASEBALL PITCHING IS ASSOCIATED WITH INCREASED ELBOW VARUS MOMENTS AND BALL VELOCITY Carl Nissen, MD
4:03-4:08	CURRENT CONCEPTS & FUTURE RESEARCH Matt Grady, MD	4:03-4:08	MEDIAL EPICONDYLE FRACTURE BIOMECHANICS: EVALUATION OF THREE DIFFERENT FIXATION METHODS Andrew Pennock, MD
4:09-4:29	DISCUSSION	4:09-4:14	CURRENT CONCEPTS & FUTURE RESEARCH Todd Lawrence, MD
		4:15-4:29	DISCUSSION



	LOCATION		LOCATION
4:30 – 5:15 pm	SCIENTIFIC PAPERS SESSION XX- NTH DIMENSIONS Salons A/B/C	4:30 – 5:15 pm	SCIENTIFIC PAPERS SESSION XXI- MULTILIGAMENT KNEE Salons D/E
4:30-4:35	RESEARCH UPDATE Cordelia Carter, MD	4:30-4:35	RESEARCH UPDATE Cliff Willimon, MD
4:36-4:41	FACTORS LIMITING HIP RANGE OF MOTION: BONY VERSUS SOFT TISSUE IMPINGEMENT Virgenal Owens, MSE	4:36-4:41	OPERATIVE MANAGEMENT OF MULTI- LIGAMENT KNEE INJURIES IN CHILDREN AND ADOLESCENTS Pamela Lang, MD
4:42-4:47	A PRELIMINARY STUDY EVALUATING INTEROBSERVER RELIABILITY OF SCHÖTTLE'S TECHNIQUE Dominique Harris, BS	4:42-4:47	ANTEROLATERAL CAPSULAR FOLDING AND THE ANTEROLATERAL LIGAMENT: CAN WE CREATE IT? ARE WE CREATING IT? Tyler Stavinoha, MD
4:48 -4:53	THE PREVALENCE OF KLIPPEL-FEIL SYNDROME IN PEDIATRIC PATIENTS: ANALYSIS OF 831 CT SCANS Jalea Moses, MS	4:48-4:53	PEDIATRIC KNEE DISLOCATION WITH MULTILIGAMENTOUS KNEE INJURY: CASE REPORT AND LITERATURE REVIEW <i>Travis Roth, MD</i>
4:54-4:59	AN EVALUATION OF RAICAL DISPARITIES IN THE TREATMENT AND OUTCOMES OF PEDIATRIC PATIENTS WITH SEPTIC ARTHRITIS IN THE KNEE Derek Fitzgerald	4:54-4:59	CURRENT CONCEPTS & FUTURE RESEARCH John Polousky, MD
5:00-5:14	DISCUSSION	5:00-5:14	DISCUSSION

- 5:15 5:30 pm AWARDS CEREMONY Ted Ganley, MD
- 5:30 5:45 pm CLOSING REMARKS AND ADJOURNMENT Ted Ganley, MD; James Carey, MD
- 6:00 8:00 pm BOARD OF DIRECTORS MEETING

Salons C/D/E

Miami/Orlando



**SCIENTIFIC POSTERS** Posters are located in the Pre-Function Area, outside the Grand Ballroom.

- 1. COMPLICATIONS AFTER PEDIATRIC ANTERIOR CRUCIATE LIGAMENT (ACL) RECONSTRUCTION: A META- ANALYSIS *Nirav K. Pandya, MD*
- 2. SOCIOECONOMIC STATUS IMPACTS OUTCOMES FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION *Curtis Vanden Berg, MD*
- 3. QUADRICEPS AND RECTUS TENDON RELATIONSHIP-CONCERNS FOR RECTUS TENDON INJURY DURING QUAD TENDON HARVEST IN PEDIATRIC PATIENTS *Kevin Shea, MD*
- 4. RISK OF GRAFT FAILURE AFTER ALL-EPIPHYSEAL ACL RECONSTRUCTION COMPARED TO ADULT-TYPE ACL RECONSTRUCTION WITH HAMSTRINGS AUTOGRAFT TISSUE IN YOUNG ATHLETES Mark Paterno, PT, PhD, MBA, SCS
- 5. UTILITY OF A VESTIULAR HOME EXERCISE PROGRAM AND VESTIBULAR THERAPY FOLLOWING PEDIATRIC CONCUSSION *Olivia Podolak, MD*
- 6. ASSOCIATION BETWEEN SLEEP QUALITY AND CONCUSSION SYMPTOMS IN THE PEDIATRIC POPULATION Jane Chung, MD
- 7. GENDER DIFFERENCES IN SAME-DAY RETURN TO PLAY FOLLOWING CONCUSSION AMONG PEDIATRIC SOCCER PLAYERS Shane Miller, MD
- 8. AN ASSOCIATION BETWEEN FEMOROACETABULAR IMPINGEMENT MORPHOLOGY AND PELVIC AVULSION FRACTURES IN ADOLESCENTS Stephanie W. Mayer, MD
- 9. CLINICAL AND RADIOGRAPHIC PREDICTORS OF CARTILAGE INJURY IN ADOLESCENTS UNDERGOING HIP ARTHROSCOPY *Michael McClincy, MD*
- 10. WHAT IS THE ASSOCIATION OF FEMOROACETABULAR IMPINGEMENT AND HIP OSTEOARTHRITIS? A SYSTEMATIC REVIEW OF LONGITUDINAL STUDIES Jeffrey J. Nepple, MD
- 11. UTILIZATION OF ELECTRONIC MEDICAL RECORDS (EMR) REGISTRIES TO IMPROVE ACL OUTCOMES, PATIENT COMPLIANCE, AND LOWER COMPLICATIONS: A QUALITY IMPROVEMENT PROJECT

Kristina Parvanta, ATC, OPA-C

- 12. THE SENSITIVITY AND SPECIFICITY OF PRE-OPERATIVE HISTORY, PHYSICAL EXAMINATION, AND MAGNETIC RESONANCE IMAGING TO PREDICT ARTICULAR CARTILAGE INJURIES IN SYMPTOMATIC DISCOID LATERAL MENISCUS *Nirav K. Pandya, MD*
- 13. FAST FIX PENETRATION- NEUROVASCULAR INJURY DURING MENISCUS REPAIR *Yi-Meng Yen, MD*
- 14. OUTCOMES OF PEDIATRIC MENISCUS REPAIRED FOLLOWED BY EARLY RANGE OF MOTION AND WEIGHT BEARING *Tyler J. Stavinoha, MD*
- 15. OBJECTIVE ANALYSIS OF CAPITELLUM EXPOSURE FOR AUTOLOGOUS OSTEOCHONDRAL RECONSTRUCTION *Peter D. Fabricant, MD MPH*

- 16. 3D FEMOROTIBIAL ANALYSES DIFFERENTIATES BETWEEN JUVENILE OSTEOCHONDRITIS DISSECANS WITH MEDIAL AND LATERAL LESIONS *Eileen P. Storey, BA*
- 17. THE BIOMECHANICS OF RUNNING IN CHILDREN Devin K. Kelly, MS
- 18. PIGMENTED VILLONODULAR SYNOVITIS OF THE KNEE IN CHILDREN AND ADOLESCENTS *Crystal Perkins, MD*
- 19. ADOLESCENTS WHO RETURN TO PRE-INJURY SINGLE-LEG HOP FUNCTION HAVE BETTER PATIENT-REPORTED OUTCOMES AT DISCHARGE Janet E. Simon
- 20. ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN PEDIATRIC AND ADOLESCENT PATIENTS: QUADRICEPS TENDON PATELLAR AUTOGRAFT VERSUS HAMSTRING TENDON AUTOGRAFT Jay Albright, MD
- 21. 3D KNEE TROCHLEAR MORPHOLOGY BY MAGNETIC RESONANCE IMAGING: NORMAL VERSUS PATELLA INSTABILITY IN PEDIATRIC PATIENTS Andrew Pennock, MD
- 22. VARIATION IN THE MPFL ORIGIN IN THE SKELETALLY IMMATURE-AN ANATOMIC STUDY *Kevin Shea, MD*
- 23. THE EFFECT OF FEMORAL ROTATION ON PATELLOFEMORAL CONTACT PRESSURE: A CADAVERIC MODEL Andrea Spiker
- 24. RISK FACTORS FOR RECURRENT PATELLAR INSTABILITY IN CHILDREN AND ADOLESCENTS Regina Hanstein
- 25. ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION REHABILITATION CLINICAL PRACTICE PATTERNS: A SURVEY OF PHYSICAL THERAPISTS Elliot Greenberg, PT, PhD
- 26. SINGLE LEG LONG HOP DISTANCE, QUADRICEPS STRENGTH, AND LANDING MECHANICS SYMMETRY FOLLOWING ACL RECONSTRUCTION IN ADOLESCENT ATHLETES *Erin J. Garibay, MS*
- 27. WEIGHT GAIN FOLLOWING ACL RECONSTRUCTION IN PEDIATRIC AND ADOLESCENT PATIENTS J. Todd Lawrence, MD
- 28. THE EFFECTS OF PLAYING MULTIPLE HIGH SCHOOL SPORTS ON NATIONAL BASKETBALL ASSOCIATION PLAYERS' PROPENSITY FOR INJURY AND ATHLETIC PERFORMANCE *Nirav K. Pandya, MD*
- 29. DIFFERENCES IN SEGMENTAL SPEEDS AS A FUNCTION OF MATURATION IN YOUTH BASEBALL PITCHERS *Gretchen D. Oliver, PhD, FACSM, ATC*
- 30. SPORT PARTICIPATION AND SPECIALIZATION CHARACTERISTICS IN YOUTH SOCCER ATHLETES David Bell, PhD, ATC
- 31. VITAMIN D3 SUPPLEMENTATION AND STRESS FRACTURE OCCURRENCE IN HIGH-RISK COLLEGIATE ATHLETES *Kevin A. Williams, MD*
- 32. THERE IS NO CHANGE IN DISPLACEMENT OF NON-OPERATIVELY TREATED, DISPLACED PEDIATRIC MEDIAL EPICONDYLE FRACTURES Jennifer Beck, MD



#### **2018 ANNUAL MEETING EPOSTERS**

All 2018 ePosters accepted for the PRiSM 5<sup>th</sup> Annual Meeting are available for viewing on the PRiSM website at <u>http://www.prismsports.org/</u> <u>events/2018-annual-meeting/eposters</u> until March 31, 2018. Eposters are available for viewing on monitors near the printed posters in the Pre-Function Area, outside the Grand Ballroom.

VARIABILITY OF REPORTED OUTCOMES AFTER ARTHROSCOPIC BANKART REPAIR IN ADOLESCENT ATHLETES: A SYSTEMATIC REVIEW Connor Kasik, DO; Michael Saper, DO, ATC

MEDIAL PATELLOFEMORAL LIGAMENT (MPFL) REPAIR RESTORES STABILITY IN PEDIATRIC PATIENTS WHEN COMPARED TO RECONSTRUCTION Jessica Bryant, MD; Nirav K. Pandya, MD

COMPARISON OF BONE-TENDON-BONE VERSUS HAMSTRING AUTOGRAFTS FOR ANTERIOR CRUCIATE LIGAMENT (ACL) RECONSTRUCTION IN THE ADOLESCENT POPULATION Nirav K. Pandya, MD

REVISION RECONSTRUCTION OF THE PEDIATRIC ANTERIOR CRUCIATE LIGAMENT: ETIOLOGY AND OUTCOMES Austin Pitcher, MD; Christina Allen, MD; Nirav K. Pandya, MD

BALANCE CONTROL DURING DUAL-TASK WALKING IN ADOLESCENT ATHLETES AFTER CONCUSSION: A MULTICENTER STUDY Tracy Zaslow, MD FAAP CAQSM; Matthew J. Solomito, PhD; Regina Kostyun; Yen-Hsun Wu; Nicole Mueske; Li-Shan Chou, PhD; Sylvia Ounpuu, MSc; Tishya Wren, PhD

THE IMPACT OF TRANSPHYSEAL ACL RECONSTRUCTION ON LOWER EXTREMITY RADIOGRAPHIC ALIGNMENT AND LENGTH Ahmad F. Bayomy, M.D.; Viviana Bompadre, PhD; Greg Schmale, MD

INTRA- AND INTER-OBSERVER RELIABILITIES OF RADIOGRAPHIC MEASUREMENTS IN A STUDY OF GROWTH ANOMALIES FOLLOWING TRANSPHYSEAL ACL RECONSTRUCTION

Ahmad F. Bayomy, M.D.; Viviana Bompadre, PhD; Adam O'Brien, MD; Greg Schmale, MD

KNOWLEDGE, ATTITUDES, AND BELIEFS OF YOUTH SPORT COACHES REGARDING SPORT VOLUME RECOMMENDATIONS AND SPORT SPECIALIZATION

Eric G. Post, MS, ATC; Stephanie M. Trigsted, MS, ATC; Dan Schaefer, MS; Lisa Cadmus-Bertram, PhD; Andrew Watson, MD, MS; Timothy McGuine, PhD ATC; Alison Brooks, MD, MPH; David Bell, PhD, ATC

META-ANALYSIS OF ISOLATED PEDIATRIC MENISCUS INJURY DEMONSTRATES A SHIFT IN MANAGEMENT

Gina Mosich, MD; Virgina Lieu; Edward Ebramzadeh, PhD; Jennifer Beck, MD

LARGE DEFICIENCY OF EMERGENCY PREPAREDNESS AND ATHLETIC TRAINING SERVICES IN LOS ANGELES COUNTY HIGH SCHOOLS: ARE WE PUTTING OUR KIDS AT RISK?

Riana Pryor, PhD; Summer Runestad, ATC; Moon Kang, BS; Jennifer Beck, MD

QUADRICEPS AND HAMSTRING STRENGTH RECOVERY AFTER REVISION ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN ADOLESCENT ATHLETES

Michael Saper, DO, ATC; John Popvich; Stephen LaPlante, PT, ATC; James Andrews, MD

A RETROSPECTIVE REVIEW OF THE EVALUATION AND MANAGEMENT OF DISCOID MENISCUS IN THE PEDIATRIC POPULATION Catherine Logan; Frances Tepolt, MD; Mininder S. Kocher, MD MPH

CHANGES IN HEALTH-RELATED QUALITY OF LIFE IN ADOLESCENT ATHLETES FOLLOWING A LOWER EXTREMITY INJURY: A REPORT FROM THE ATHLETIC TRAINING PRACTICE-BASED RESEARCH NETWORK

Kenneth C. Lam, ScD, ATC; Ashley N. Marshall, PhD, ATC; Tamara C. Valovich McLeod, PhD, ATC, FNATA

THE ANATOMIC RELATIONSHIP OF MEDIAL FEMORAL CONDYLE OSTEOCHONDRITIS DISSECANS TO THE POSTERIOR CRUCIATE LIGAMENT

Samuel D. Russ, MD; Peter C. Cannamela, BA; Matthew Milewski, MD; Kevin Shea, MD; Marc Tompkins, MD

A PRELIMINARY INVESTIGATION OF SPORTS SPECIALIZATION AND RECENT INJURY HISTORY AMONG PEDIATRIC SOCCER ATHLETES Tamara C. Valovich McLeod, PhD, ATC, FNATA; David Bell, PhD, ATC; Scott McKay, MD; Michael Israel, MD; Pamela Lang, MD

SIMILAR OUTCOMES FOLLOWING BOTH OPERATIVE AND NON-OPERATIVE TREATMENT OF MEDIAL EPICONDYLE FRACTURES IN UPPER EXTREMITY ATHLETES

Derek Axibal; Patrick Carry, MS; Anne Skelton; Stephanie W. Mayer, MD

ISOMETRIC STRENGTH AND FUNCTIONAL TESTING AFTER MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION IN ADOLESCENT ATHLETES

Michael Saper, DO, ATC; Peter Fantozzi; Viviana Bompadre, PhD; Mimi Racicot, PT, DPT, SCS; Greg Schmale, MD

THE EPIDEMIOLOGY OF ELBOW INJURIES IN US HIGH SCHOOL BASEBALL AND SOFTBALL ATHLETES Andrew V. Pytiak; Dustin Currie, MPH; Matthew J. Kraeutler, MD; Eric C. McCarty, MD; Dawn Comstock, PhD

OPTIMAL LOCATION FOR MEASURING THE CROSS-SECTIONAL AREA OF HAMSTRING TENDON ON PREOPERATIVE MRI TO BEST PREDICT ACL GRAFT DIAMETER IN ADOLESCENT PATIENTS

Clayton Hodges, MD; Trevor J. Shelton; Cyrus Bateni, MD; Steve Henrichon, MD; Alton W. Skaggs, BS; Robert D. Boutin, MD; Richard Marder, MD; Cassandra A. Lee, MD; Brian Haus, MD

RETROARTICULAR DRILLING WITH INJECTION OF BONE MARROW ASPIRATE CONCENTRATE AND DEMINERALIZED BONE MATRIX FOR STABLE OSTEOCHONDRITIS DISSECANS OF THE FEMORAL CONDYLE IN A SKELETALLY IMMATURE PATIENT: A CASE REPORT. Nicholas R. Gonsalves, MD; James L. Pace, MD; Curtis Vanden Berg, MD



### LOCATION OF OSTEOCHONDRITIS DISSECANS LESIONS OF THE CAPITELLUM

Christine C. Johnson; Suzanne M. Roberts; Douglas Mintz; Peter D. Fabricant, MD MPH; Robert Hotchkiss; Aaron Daluiski

THE UTILIZATION OF PEDIATRIC HIP ARTHROSCOPY: TRENDS IN NEW YORK STATE 2004-2014

William Schairer, MD; Benedict U. Nwachukwu, MD MBA; Joash Suryavanshi; Yi-Meng Yen, MD PhD; Bryan T. Kelly; Peter D. Fabricant, MD MPH

HOW VARIABLE IS THE REPORTING OF CLINICAL OUTCOMES IN THE YOUTH ACL LITERATURE?

Christopher Brusalis; Nikita Lakomkin; Joash Suryavanshi; Aristides I. Cruz Jr., MD; Daniel W. Green, MD; Kristofer J. Jones, MD; Peter D. Fabricant, MD MPH

OPERATIVE FIXATION OF MEDIAL EPICONDYLE FRACTURES: FULL RETURN TO SPORTS DESPITE HIGH COMPLICATION AND REOPERATION RATES

Ena Nielsen, BA; Lindsay Andras, MD; Nina Lightdale, MD; James L. Pace, MD

MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION VERSUS MEDIAL RETINACULUM PLICATION: A COMPARISON STUDY Eric A. Davis; Robert C. Spang III, MD; Natasha Trentacosta, MD; Frances Tepolt, MD; Mininder S. Kocher, MD MPH

GYMNASTICS AND CONCUSSIONS

Elspeth Hart; David R. Howell, PhD; Bill Meehan; Anna Brilliant

NON-GRAVITY CORRECTED ISOKINETIC STRENGTH MEASUREMENTS MASKS QUADRICEPS DEFICITS IN ADOLESCENTS FOLLOWING ACL RECONSTRUCTION

Erin J. Garibay, MS; Matthew J. Solomito, PhD; Samuel Bianco; Andrew Cohen, BS; Regina Kostyun; Christine Kelly, MS, ATC; Carl W. Nissen, MD; Matthew Milewski, MD

NATIONAL OPIOID ANALGESIC PRESCRIBING PATTERNS IN A SINGLE PAYER SYSTEM FOR ACUTE MANAGEMENT OF PAIN AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION

Charles M. Chan, MD; Jeffrey L. Young, MD; Tomiko Oskotsky, MD; Steven L. Frick, MD

DOWNSTREAM EFFECTS OF ROTATIONAL FEMORAL OSTEOTOMIES: INFLUENCE ON THE PATELLOFEMORAL JOINT

John Manning, MD; Corey B. Fuller, MD; Christine L. Farnsworth, MS; James D. Bomar, MPH; Eric W. Edmonds, MD; Vidyadhar Upasani, MD; Andrew Pennock, MD

THE EFFECT OF DECREASED WEIGHT BEARING DORSIFLEXION RANGE OF MOTION ON LOWER EXTREMITY KINEMATICS/KINETICS DURING A 45 DEGREE SIDE STEP CUT

Eryn Milian, PhD, DPT; Lauren Butler, PT, DPT, SCS; Amie DeVerna, DPT, PCS; Moataz Eltoukhy, PhD; JeongHoon Oh

VALIDATION OF A CLINICAL SCREENING TOOL TO IDENTIFY INJURY RISK DURING 45 DEGREE SIDE STEP CUT

Eryn Milian, PhD, DPT; Lauren Butler, PT, DPT, SCS; Amie DeVerna, DPT, PCS; Moataz Eltoukhy, PhD; JeongHoon Oh

#### VALIDATION OF A CLINICAL SCREENING TOOL TO QUANTIFY LOWER EXTREMITY WEIGHT BEARING SYMMETRY DURING A DROP VERTICAL JUMP AND OVERHEAD SQUAT

Eryn Milian, PhD, DPT; Lauren Butler, PT, DPT, SCS; Amie DeVerna, DPT, PCS; Moataz Eltoukhy, PhD; JeongHoon Oh

## A SINGLE-CENTER RETROSPECTIVE REVIEW OF ANTERIOR CRUCIATE LIGAMENT ALLOGRAFT RECONSTRUCTION IN THE ADOLESCENT POPULATION

Michelle T. Sugi, MD; Nikhil Tendulkar, MD; Tomiko Oskotsky, MD; Charles M. Chan, MD; Steven L. Frick, MD; James Gamble, MD

THE EFFECT OF HUMERAL RETROTORSION ON PITCH VELOCITY IN YOUTH BASEBALL PLAYERS

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

MAGNETIC RESONANCE IMAGING ABNORMALITIES IN ASYMPTOMATIC LITTLE LEAGUE BASEBALL PLAYER'S SHOULDERS Philip Stearns, MSN, CPNP; John Manning, MD; Emily Levy, MD; M. Morgan Dennis, BS; Amanda Davis-Juarez, BS; Tracey Bastrom, MA; Peter Kruk, MD; Jerry Dwek, MD; Kenneth Taylor, MD; Andrew Pennock, MD

BIOMECHANICAL ASYMMETRIES DURING A DECELRATION TASK IN ADOLESCENT ATHLETES WITH UNILATERAL PATELLOFEMORAL PAIN Nicole Mueske; Charlotte A. Maloney; Tracy Zaslow, MD FAAP CAQSM; Mia J. Katzel, DPT; Bianca Edison, MD MS FAAP; Curtis Vanden Berg, MD; Tishya Wren, PhD

THE TIBIAL TUBERCLE – TROCHLEAR GROOVE DISTANCE IS MORE STRONGLY ASSOCIATED WITH PATELLAR INSTABILITY IN PEDIATRIC AND ADOLESCENT PATIENTS THAN THE TIBIAL TUBERCLE-POSTERIOR CRUCIATE LIGAMENT DISTANCE Kevin K. Carter, BS; Joshua Yang, BA; James L. Pace, MD; Curtis Vanden Berg, MD

CPM USE REDUCES RATES OF ARTHROFIBROSIS AFTER ACL RECONSTRUCTION IN A PEDIATRIC POPULATION Joshua T. Bram, BS; Andrew Gambone, MD, MS; Christopher J. DeFrancesco, BS; Brendan M. Striano, BA; Theodore J. Ganley, MD

HOP TESTING AFTER MEDIAL PATELOFEMORAL LIGAMENT RECONSTRUCTION IN ADOLESCENT ATHLETES: DOES CONCOMITANT TIBIAL TUBEROSITY TRANSFER AFFECT RECOVERY? Michael Saper, DO, ATC; Peter Fantozzi; Viviana Bompadre, PhD; Mimi Racicot, PT, DPT, SCS; Greg Schmale, MD

ADOLESCENT STRENGTH RECOVERY AFTER ACL RECONSTRUCTION: TIME TO RECONSIDER RETURN TO PLAY SPORT GUIDELINES? Lindsey Lepley, PhD, ATC; Erin J. Garibay, MS; Sylvia Ounpuu, MSc; Jessica R. Lloyd, BSBE; Nicholas G. Giampetruzzi, MS, PT; Danielle Suprenant, DPT; Carl W. Nissen, MD; Matthew Milewski, MD

A PRELIMINARY INVESTIGATION OF SELF-REPORTED SPORT-RELATED INJURY AMONG PEDIATRIC SOCCER ATHLETES. Scott McKay, MD; Tamara C. Valovich McLeod, PhD, ATC, FNATA; Pamela Lang, MD; Michael Israel, MD; David Bell, PhD, ATC

THE RELATIONSHIP BETWEEN ANTHROPOMETRICS AND TRUNK MECHANICS ON BALL VELOCITY IN YOUTH SOFTBALL PITCHERS Gretchen D. Oliver, PhD, FACSM, ATC; Jessica Washington; Hillary Plummer; Michael Saper, DO, ATC; James Andrews, MD



ALL-EPIPHYSEAL, DOUBLE BUNDLE POSTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: COMPUTER AIDED FEMORAL TUNNEL MODELING Connor G. Richmond, BS; Peter C. Cannamela, BA; Peter D. Fabricant, MD MPH; Theodore J. Ganley, MD; James T. Beckman, MD; Allen Anderson; Kevin Shea, MD

ALL-METAPHYSEAL AND ALL-EPIPHYSEAL POSTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: COMPUTER AIDED TIBIAL TUNNEL MODELING

Stockton Troyer; Nicholas G. Anchustegui; Connor G. Richmond, BS; Kevin Shea, MD; Allen Anderson; Tyler J. Stavinoha, MD; Theodore J. Ganley, MD

DEVELOPMENTAL ANATOMY OF THE MENISCUS IN THE SKELETALLY IMMATURE

Nicholas G. Anchustegui; Jessica F. Burlile, BA,BS; Connor G. Richmond, BS; Marc Tompkins, MD; Henry B. Ellis, MD; Philip Wilson, MD; Laura C. Boucher, PhD, ATC; Kevin Shea, MD

PATELLAR-TROCHLEAR MORPHOLOGY IN PEDIATRIC PATIENTS FROM 2 TO 11 YEARS OF AGE: A DESCRIPTIVE ANALYSIS BASED ON COMPUTED TOMOGRAPHY SCANNING

Connor G. Richmond, BS; Ann M. Heyer, BS; Jessica F. Burlile, BA,BS; Kevin Shea, MD; Elizabeth Arendt, MD; Marc Tompkins, MD

BIOMECHANICAL COMPARISON OF EPIPHYSEAL ACL FIXATION USING CORTICAL BONE FIXATION VS. SHEATH & INTERFERENCE SCREW CONSTRUCTS IN SKELETALLY IMMATURE CADAVERS Alex G. Dukas; Kevin Shea, MD; Carl W. Nissen, MD; Elifho Obopilwe; Peter D. Fabricant, MD MPH; Peter C. Cannamela, BA; Matthew Milewski, MD

ACCESS TO PHYSICAL THERAPY FOLLOWING ORTHOPEDIC SURGERY Ryan Smith, BA; James L. Pace, MD; Curtis Vanden Berg, MD; Rachel Y. Goldstein, MD, MPH

INCIDENCE OF CONCOMITANT LABRAL TEARS AFTER TRAUMATIC SHOULDER DISLOCATION IN ADOLESCENT PATIENTS Neil S. Kumar, MD, MBA; Eileen Colliton; Carl W. Nissen, MD; Matthew Milewski, MD

ARTHROSCOPIC MANAGEMENT OF PIGMENTED VILLONODULAR SYNOVITIS OF THE HIP IN CHILDREN AND ADOLESCENTS Cliff Willimon, MD; Tim Schrader, MD; Crystal Perkins, MD

LONG BONE FRACTURES OF THE LOWER EXTREMITY SECONDARY TO SOCCER

Peter Zaki; Joseph Hess; William Hennrikus, MD

DESCRIPTIVE ANATOMY OF THE PEDIATRIC QUADRICEPS TENDON: IMPLICATIONS FOR ACL AUTOGRAFT REPAIR

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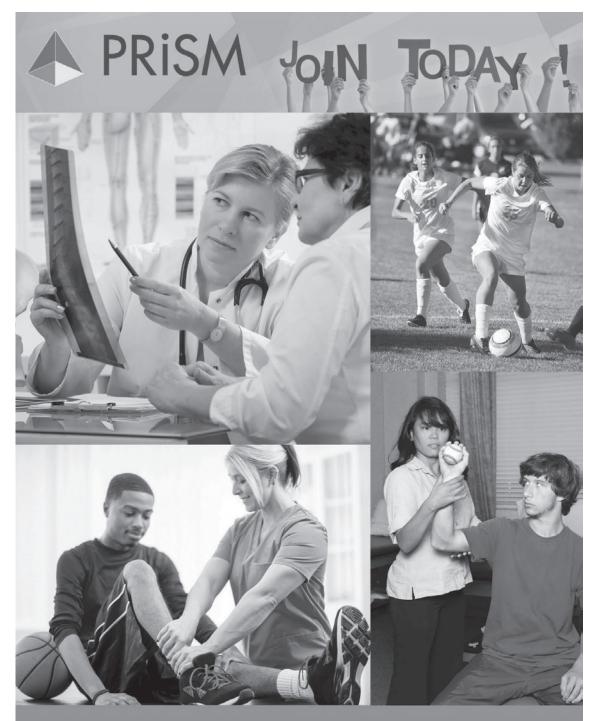
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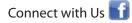
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- Performing Arts & Dance Medicine



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