

Thursday, January 26, 2017

7:00-9:00pm **COMPLEX CASE PRESENTATIONS**

Friday, January 27, 2017

7:00am **REGISTRATION & CONTINENTAL BREAKFAST**

7:45am **WELCOME & INTRODUCTION TO SCIENTIFIC PROGRAM**

8:00 am **SCIENTIFIC PAPER SESSION I**

1. THE EFFECT OF SPORT SPECIALIZATION ON LOWER EXTREMITY INJURY RATES IN ADOLESCENT ATHLETES
Timothy McGuine, PhD ATC
2. ANALYSIS OF SPORTS SPECIALIZATION IN COLLEGIATE ATHLETICS
Christopher Ahmad, MD
3. PARENTS' AWARENESS AND PERCEPTIONS OF SPORT SPECIALIZATION AND PARTICIPATION VOLUME RECOMMENDATIONS
David Bell, PhD
4. THE EFFECT OF SPORTS PARTICIPATION DURING YOUTH ON CARDIOMETABOLIC RISK FACTORS IN EARLY ADULTHOOD
Kelsey Logan, MD MPH
5. PEDIATRIC AND ADOLESCENT CLAVICLE NONUNIONS: POTENTIAL RISK FACTORS AND SURGICAL MANAGEMENT
Andrew Pennock, MD
6. RANGE OF MOTION IMPROVEMENT FOLLOWING SURGICAL MANAGEMENT OF ARTHROFIBROSIS IN CHILDREN AND ADOLESCENTS
Peter D. Fabricant, MD MPH
7. INCIDENCE OF DVT AND PE AFTER ARTHROSCOPY IN THE PEDIATRIC POPULATION
Nirav K. Pandya, MD
8. RISK FACTORS FOR REVISION OR CONTRALATERAL ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: RESULTS FROM A NATIONAL DATABASE
Jonathan Godin, MD

10:00 am **PRACTICE EFFICIENCY WORKSHOPS**

- **Module A: Research Efficiency**
 - Community Injury Surveillance Strategies
 - Data management & Outcomes management in the electronic medical record (EMR)
 - Local Funding: Institutional/Community Partners / Patient-Family Donors
- **Module B: Outreach Efficiency**
 - Creating Certified Athletic Trainer (ATC) Community Networks
 - Building activity specific programs

11:40 am **PRISM UPDATE** – President, Mininder S. Kocher, MD, MPH

12:00 pm **LUNCH AND LEARN: Point – Counterpoint Session**

1:00 pm **GUEST SPEAKER:** John A. (Tony) Herring, MD

1:45 pm **INSTRUCTIONAL COURSE: RADIOLOGY**

- Ultrasound: utilities and limitations
- MRI Tips and Tricks: Favorite Sequences and evaluation strategies
- Surgical Case Correlation

3:00 pm

CONCURRENT SESSIONS A & B:

A. SCIENTIFIC PAPER SESSION II

1. OSSIFICATION VARIANTS IN THE FEMORAL CONDYLES AND TROCHLEAE ARE CAUSED BY LESIONS OF OSTEOCHONDROSIS MANIFESTA IN CHILDREN
Peter C. Cannamela, BA
2. NON-OPERATIVE MANAGEMENT OF STABLE PEDIATRIC OSTEOCHONDritis DISSECANS OF THE CAPITELLUM
Emily Niu, MD
3. RADIOGRAPHIC COMPARISON OF ADOLESCENT ATHLETES WITH ELBOW OSTEOCHONDRAL DESSICANS, ULNAR COLLATERAL LIGAMENT INJURIES AND CONTROLS
Nirav K. Pandya, MD
4. SEX DIFFERENCES IN CLINICAL PRESENTATION OF OSTEOCHONDritis DESSICANS OF THE CAPITELLUM: PRELIMINARY ANALYSIS OF A PROSPECTIVE REGISTRY
Mark Wu, BS
5. EFFECTS OF A SIMULATED GAME ON UPPER EXTREMITY KINEMATICS AND MUSCLE ACTIVATION AMONG VARIOUS PITCH TYPES IN YOUTH BASEBALL PITCHERS
Gretchen D. Oliver, PhD, FACSM, ATC
6. CAN FOREARM MOTION PROTECT THE ELBOW IN BASEBALL PITCHERS?
Matthew J. Solomito, PhD
7. VALIDITY AND COMPREHENSIBILITY OF CURRENT SHOULDER/ELBOW FUNCTIONAL OUTCOMES MEASURES IN CHILDREN
Maura Iversen, PT, DPT, MPH, SD

B. INSTRUCTIONAL COURSE: UNIQUE ATHLETE POPULATIONS

- Adaptive sports
- Care of special athlete populations

4:30 pm

PRISM RESEARCH INTEREST GROUP UPDATES

- Female Athlete
- Sports Specialization
- Injury Prevention
- Shoulder Instability
- Patellofemoral Instability
- Spine/Spondylolysis
- Tibial Spine
- Rehabilitation

6:00-7:00 pm

NETWORKING RECEPTION

Saturday, January 28, 2017

7:00 am Registration & Continental Breakfast

8:00 am **SCIENTIFIC PAPER SESSION III**

1. 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?
Dai Sugimoto, PhD
2. SYMMETRICAL HOP DISTANCE BUT ASYMMETRICAL LANDING BIOMECHANICS IN ADOLESCENT ATHLETES WITH RECENT ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
James Pace, MD
3. 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
Matthew Milewski, MD
4. QUANTITATIVE IMPROVEMENTS IN HOP TEST SCORES FOR ACL RECONSTRUCTION PATIENTS FOLLOWING A SIX WEEK NEUROMUSCULAR TRAINING PROGRAM
Marc Tompkins, MD
5. INCREASED PROPORTION OF 2ND ACL INJURY IN PATIENTS WITH HIGH CONFIDENCE AFTER ACL RECONSTRUCTION AND RETURN TO SPORT
Mark Paterno, PT PhD MBA SCS A
6. DOES ALLOGRAFT AUGMENTATION OF SMALL DIAMETER HAMSTRING ACL GRAFTS REDUCE THE INCIDENCE OF GRAFT RETEAR?
Kristina Parvanta, ATC
7. PREDICTORS OF SUBSEQUENT INJURY AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN CHILDREN AND ADOLESCENTS
Travis J. Dekker, MD

9:45 am **CONCURRENT SESSIONS A & B:**

A. Scientific Paper Session IV

1. EFFECT OF MENISCAL TEAR ON STRENGTH AND FUNCTIONAL PERFORMANCE IN YOUNG ATHLETES 6 MONTHS FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH HAMSTRING AUTOGRAFT
Lauren Redler, MD
2. A BIOMECHANICAL COMPARISON OF ALL-EPIPHYSEAL, ALL-INSIDE ANTERIOR CRUCIATE LIGAMENT GRAFT PREPARATION TECHNIQUES
Kathryn C. Skoglund
3. BIOMECHANICAL EVALUATION OF PEDIATRIC ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION TECHNIQUES WITH AND WITHOUT RECONSTRUCTION OF THE ANTEROLATERAL LIGAMENT
Natasha Trentacosta, MD
4. POST-OPERATIVE OPIOID USAGE TRENDS IN ADOLESCENT ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTIONS
Jennifer Beck, MD
5. SATISFACTION, TIME, AND COST SAVINGS ASSOCIATED WITH TELEMEDICINE UTILIZATION IN A PEDIATRIC SPORTS MEDICINE CLINIC
Alfred Atanda, MD
6. BONE AGE ASSESSMENT UTILIZING KNEE MRI
Kristina Parvanta, ATC

B. Scientific Paper Session V

1. KNOWLEDGE PERCEPTION AND CONFIDENCE REGARDING SPORT-RELATED CONCUSSION AMONG SCHOOL PERSONNEL
Tamara C. Valovich McLeod, PhD, ATC, FNATA
2. 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
Gregory Myer, PhD

3. DUAL-TASK COSTS DURING GAIT IN FEMALE AND MALE ADOLESCENT ATHLETES AFTER CONCUSSION
David R. Howell, PhD
4. THE USE OF FUNCTIONAL NEAR-INFRARED SPECTROSCOPY (FNIRS) FOR THE ASSESSMENT OF VESTIBULAR OCULOMOTOR TASK-RELATED BRAIN ACTIVITY IN CONCUSSION
Eileen P. Storey, BA
5. 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
Paul Gubanich, MD MPH

11:00 am

CONCURRENT SESSIONS A & B:

A. Instructional Course: Osteochondritis Dissecans (OCD)

- OCD: Bench to Bedside

B. Instructional Course: Female Athlete Triad

- Female Athlete Triad: Bench to Bedside

12:00 pm

LUNCH AND LEARN: Point – Counterpoint Session

1:00 pm

GUEST SPEAKER: James Andrews, MD

1:45 pm

PRACTICE EFFICIENCY WORKSHOP

• **Module C: Office Efficiency**

- Integration of athletic trainers into the ortho/sports medicine practice
- Telemedicine
- Scribe Use
- Communicating to our Colleagues

3:00 pm

CONCURRENT SESSIONS A & B:

A. Scientific Paper Session VI

1. INCREASING RATES OF SURGICAL TREATMENT FOR PEDIATRIC FOREARM FRACTURES FROM 2000-2012
Aristides I. Cruz, Jr., MD
2. 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. PEDIATRIC ANTERIOR GLENOHUMERAL DISLOCATION RISK FACTORS MEASURED ON MAGNETIC RESONANCE IMAGING (MRI)
J. Todd Lawrence, MD
4. OUTCOMES OF INTRA-ARTICULAR HIP INJECTIONS IN ADOLESCENTS
Nirav K. Pandya, MD
5. DOES HIP ARTHROSCOPY PROVIDE MEANINGFUL OUTCOME IMPROVEMENT FOR PEDIATRIC FAI?
Benedict U. Nwachukwu, MD MBA
6. DOES LIGAMENOUS LAXITY PROTECT AGAINST CHONDRAL INJURY IN PATIENTS WITH PATELLOFEMORAL INSTABILITY?
Lauren Redler, MD
7. 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
Mininder S. Kocher, MD MPH
8. HEALTH RELATED QUALITY OF LIFE AND UTILITY ACQUISITION FOR TRAUMATIC PATELLA DISLOCATION IN ADOLESCENTS
Benedict U. Nwachukwu, MD MBA

B. Instructional Course: Motion Analysis In Pediatric Sports

- Overview of Motion Analysis
- Special topics in Adolescent Motion Analysis
- Lower extremity
- Upper Extremity

4:30 pm

PRISM RESEARCH INTEREST GROUP UPDATES

- Ulnar Collateral Ligament (UCL) Injuries
- Concussion
- Hip Disorders
- Stress Fractures/Overuse
- Medial Epicondyle
- Knee Multi-ligament Injury
- Meniscus
- Outcome Measures

5:30 pm

AWARDS FOR BEST PAPERS

5:45-6:00p

CLOSING REMARKS AND FINAL ADJOURNMENT