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

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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 OSTEOCHONDROSIS 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 OSTEOCONDTRITIS 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 AUTOGRFT?**
   
   Dai Sugimoto, PhD

2. **SYMMETRICAL HOP DISTANCE BUT ASYMETRICAL 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 AUTOGRFT**

   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, NEUROIIMAGING INVESTIGATION IN AMERICAN FOOTBALL**

   Gregory Myer, PhD

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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)
      o OCD: Bench to Bedside
   B. Instructional Course: Female Athlete Triad
      o 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
     o Integration of athletic trainers into the ortho/sports medicine practice
     o Telemedicine
     o Scribe Use
     o 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 LAVICLE 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 LIGAMENTOUS LAXITY PROTECT AGAINST CHONDRAL INJURY IN PATIENTS WITH PATELOFEMORAL INSTABILITY?
         Lauren Redler, MD
      7. COMBINED RECONSTRUCTION OF THE MEDIAL PATELOFEMORAL LIGAMENT (MPFL) AND MEDIAL QUADRICIP 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

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B. Instructional Course: Motion Analysis In Pediatric Sports
   o Overview of Motion Analysis
   o Special topics in Adolescent Motion Analysis
   o Lower extremity
   o 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