AOSSM 2016 Specialty Day – ACL Knee Prevention Studies, AAOS Guidelines

Update: ACL/Knee Prevention Studies – AAOS Guidelines
Faculty: Kevin G. Shea, MD

1. ACL Injury Prevention Studies
   a. History
   b. Meta-analysis vs. Systematic Review
      i. Search Strategy
      ii. Study Designs/Risk of Bias/Levels of Evidence
         1. Inclusion Criteria
         2. Exclusion Criteria
      iii. Study Validity
         1. Critical Appraisal Tools
         2. Internal/External
      iv. Heterogeneity
      v. Publication Bias
      vi. Combining Data
   c. Results
      i. Risk of Bias Score
      ii. Pooled Analysis
2. AAOS Evidence Based Clinical Practice Guideline (CPG)
   a. CPG Process
      i. Historical/Consensus Based
      ii. Evidence Based
   b. Analysis
      i. Clinical Content Experts
      ii. Development of Recommendations
      iii. Patient, Intervention, Comparison, Outcome (PICO)
      iv. Evidence Analysis Experts
   c. AAOS CPG Recommendation – Knee Injury Prevention Programs
3. Recap
4. Conclusions
5. Future Research

Bibliography

9. Berlin JA. Does binding of readers affect the results of metaanalyses?