American Physical Therapy Association CSM

An New Frontier... Non-Traditional Sports and Special Populations

Background
Athletes with disabilities and chronic conditions, as well as female athletes, youth athletes, and masters athletes, face barriers limiting their participation in a variety of sports and recreational activities. Some of these barriers include physical limitations, such as the height of a basketball hoop, size of a ball, or range a weightlifting machine can be adjusted. Other barriers include safety parameters such as heat or altitude limitations or use of an inhaler or medication. The purpose of this Science Meets Practice session is to discuss the importance of personalizing the care of our athletes to promote safe play and maximize rehabilitation from an injury.

Objectives
Upon the conclusion of this course, participants will be able to:
1. Identify specific considerations for safety in special populations participating in sports
2. Discuss how to personalize the sporting experience for athletes
3. Integrate what we know about traditional sports into non-traditional sporting arenas

Abstracts
• Predicting Elbow Joint Loading in Youth Baseball Pitchers Using Slot Angle Kinematics (Speaker: Lydia Legler)
• Are lower extremity musculoskeletal injuries associated with concussions in high school athletes? (Speaker: Ellen Shanley)
• Characterization of Cervical Spine Impairments in Children and Adolescents Post-Concussion (Speaker: Devashish Tiwari)
• Concussion Symptomatology in Elite Equestrian Sports: A Growing Epidemic (Speaker: Kirk Peck)

References:


