

Regional Australasian Biomechanics Conference

ABC Canberra

December 11, 2020 | 12 pm to 3:30pm

University of Canberra, Building 12, Lecture Room 50

Times	Presenter	Title
12:00 – 12:05	Nick Brown	Welcome
12:05 – 12:20	Claire Kenneally-Dabrowski <i>Presenting Online</i>	Hamstring musculotendon mechanics in prospectively injured elite rugby athletes: A case series
12:20 – 12:35	Katie McCauliffe <i>Presenting Online</i>	Female body armour prototype development and evaluation
12:35 – 12:50	Udana Bandara	Biomechanical Characteristic of Junior Cricket Fast Bowlers and Presence of Known Biomechanical Risk Factors for Lower Back Injuries
12:50 – 1:05	Tanishka Goyal	Development of an Assist-as-Needed Control Paradigm for a Parallel Wrist Rehabilitation Robot
1:05 – 1:20	Joe Lynch	Individuals with gluteal tendon repair display similar hip biomechanics to those of a healthy cohort during a sit-to-stand task.
1:20 – 1:35	Kahlee Adams	From the field of play to the laboratory: Recreating the demands of competition with augmented reality simulated sport
15-minute BREAK		
1:50 – 2:05	Denika Silva	Effects of gait modifications on medial knee joint load in medial knee osteoarthritis: A Systematic Review and Meta-analysis
2:05 – 2:20	Kate Munro	The effectiveness of unloader knee braces in reducing knee contact forces: a systematic review and meta-analysis
2:20 – 2:35	Ya Gao	Biomechanical analysis and comparison of mechanical and kinematic alignment of the knee joint in total knee arthroplasty.
2:35 – 2:50	Jerushah Bull	Novel approach to visualisation of knee kinematics
2:50 – 3:05	Daniel Tait	Using the ankle to estimate knee biomechanics in landing
3:05 – 3:20	Cody Lindsay	Shorter work boot shaft height improves ankle range of motion and decreases the oxygen cost of work
3:20	Celeste Coltman	Prize and Close
END of Program		
3:30 <i>Coffee Grounds</i> on UC campus for an informal post conference gathering		