

The Effects of Footplate Stiffness on Foot Loading Within Carbon Fiber Custom Dynamic Orthoses

NCT07312032

Status	RECRUITING
Phase	Not Applicable
Sponsor	Jason Wilken
Enrollment	20 participants

Key Eligibility Criteria

Inclusion (6)

- Between the ages of 18 and 65
- Healthy without current complaint of lower extremity pain, spine pain, open wounds or active infections, or medical or neuromusculoskeletal disorders that have limited their participation in work or exercise in the last 6 months
- Able to hop without pain
- Able to perform a full squat without pain
- Ability to read and write in English and provide written informed consent
- ... and 1 more (see full listing online)

Exclusion (9)

- Diagnosed with a moderate or severe brain injury
- Lower extremity injury resulting in surgery or limiting function for greater than 6 weeks
- Injuries that would limit performance in this study
- Diagnosed with a physical or psychological condition that would preclude functional testing (e.g. cardiac condition, clotting disorder, pulmonary condition)
- Visual or hearing impairments that limit walking ability or limit the ability to comply with instructions given during testing
- ... and 4 more (see full listing online)

Locations (1 total)

University of Iowa, Iowa City, Iowa, United States