

VOLUNTEERS NEEDED

Biomechanical Performance of the Keeogo Knee Stress-relief POWERED EXOSKELETON



This research study will compare its performance to a passive knee brace in people with knee osteoarthritis (OA).

YOU MAY BE ELIGIBLE TO PARTICIPATE:

- Are at least 18 years old.
- Have a medical diagnosis of grade 3 or 4 knee OA.
- Self-reported knee pain when standing, walking, climbing stairs, squatting, or other mobility activities.
- Self-reported limitations to mobility and walking activities due to knee pain, stiffness, or loss of range of motion.

Participants will be compensated up to \$200 for completing the study.



Interested in participating or want more information: 412-822-3677

Principal Investigator: Dan Ding, Ph.D.

Human Engineering Research Laboratories
Bakery Square, 6425 Penn Ave., Suite 400,
Pittsburgh, PA, 15206



Call 412-360-2394 to
validate this study.

Participants will answer questions and perform tasks during two visits.

VISIT 1 WILL INCLUDE:

- A 6-minute walking test
- Survey questions on age, gender, physical function, pain, stiffness, etc.
- Device fitting/tuning
- An overground walking test
- Preferred uphill, downhill and neutral speed tests of Keeogo orthosis and brace.

VISIT 2 WILL INCLUDE:

- Warm-up and preparation
- Tests:
 - » Brace condition: uphill, downhill, neutral (1 minute x 3 times each)
 - » Keeogo condition: uphill, downhill, neutral (1 minute x 3 times each)
- Interview
- Wrap up

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