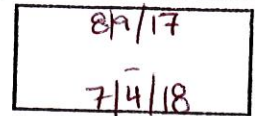




UNIVERSITY OF
NEW ENGLAND

Approved for Use Between



University of New England
Institutional Review Board

Participants Needed For Research Study



Low-profile mouthguard

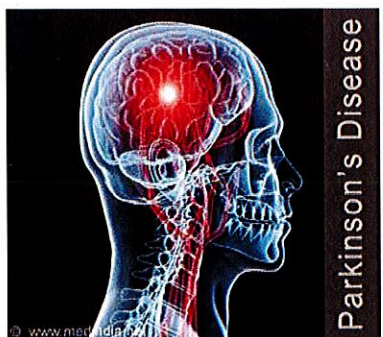
How to participate:

To see if you might be eligible, contact

Jim Cavanaugh, PT, PhD
jcavanaugh@une.edu
(207) 221-4595

Location:

University of
New England
716 Stevens Ave.
Portland, ME



What is the study about?

The main purpose of this study is to see if a low-profile mouthguard can help to improve movement problems associated with Parkinson Disease (PD). A second purpose is to determine if dental medicine students take accurate dental impressions from people with PD.

Who can participate?

Adults with PD who experience either mild or moderate movement problems affecting walking or balance.

Participants must:

- Be able to walk indoors and short distances in the community without help from another person.
- Have no other health conditions that limit walking or balance
- Be able to speak and understand English
- Have no pain or difficulty with chewing or swallowing food
- Have most of their teeth – must not need or wear dentures
- Have the time and transportation to attend 4 study sessions

What's involved?

- Individuals with PD who are interested in volunteering for the study first undergo simple balance, walking, and dental screenings to make sure they can safely participate. Formally enrolled participants have dental impressions taken by dental medicine students (1-hour session, UNE Portland Campus).
- Participants then meet twice with a dental research team member to receive 2 custom-made mouthguards (2, 30-minute sessions; Scarborough, ME)
- Enrolled participants wear their mouthguards while performing a series of balance, walking, strength, and hand dexterity tests (2-hour session; UNE Portland Campus).
- Following testing, participants wear the mouthguard for 1 week during their usual activities, keep a diary of their experiences, and answer a 15-minute survey afterward.

What else do I need to know?

- You will not be paid to participate.
- You need to provide your own transportation to the study sessions.