



EMG RECORDING for CONTROL of ADVANCED ARM PROSTHESES

NOW RECRUITING

Researchers at the University of Pittsburgh are recruiting subjects to study arm/hand movement control using EMG recording

You may be eligible to participate in this study if you:

- ✓ Are between the ages of 18-70
- ✓ Have either two healthy arms, or at least one trans-radial (forearm or wrist) amputation that occurred at least one year ago
- ✓ If you are female, you must not be pregnant

Participants will include experimental testing that can last up to eight (8) hours. We will work with an interested individual's schedule.

The testing involves twelve or more (12+) electrode insertion on and under the skin of the arm to capture muscle data.

This research study involves risks that are typically associated with electrode placement.

Participants will be asked to watch various arm/hand movement videos and imagine or attempt similar movements. Questionnaires will also be completed

We believe that information learned through this study will support the development of a system that could someday be used to improve function for people with amputations.

Your participation is completely voluntary, and you may withdraw at any time.

For more information please contact Howard Stein at **(412) 648-4035** or hos12@pitt.edu for detailed full description of the study procedures, risks, compensation, and criteria that you must meet in order to participate.