

You Are Invited to Take Part in Research Study Using Reaching Tasks to Explore Hand Use After Stroke



The Motor Behavior Lab in the Physical Therapy Program at Cleveland State University invites you to take part in a research study that uses motion sensors and videotaping to evaluate hand use in people who have had a stroke. Individuals will be asked to reach for objects of different sizes, in different places, and at different speeds while sitting. This may help us better understand how people use their arms after stroke, and hopefully inform us for better rehab treatments.

Who can participate? Women or men aged 18-100 who have experienced a stroke more than 6 months ago and still have some arm weakness. You must also have some movement in both arms. You must be able to straighten your elbow most of the way, also lift your weak arm up towards the ceiling part of the way, and be able to open and close your hand and be able to feel your arm when someone touches it. You can't currently have another neuromuscular disorders such as spinal cord injury, traumatic brain injury, Parkinson disease or Multiple Sclerosis.

What will I do if I participate? You will come to the CSU Motor Behavior Lab for 2 separate sessions (2.5 hours the 1st session; 2 hours the 2nd session) and complete a series of tests and reaching tasks in sitting.

Where does the study take place? CSU Motor Behavior Lab (Health Sciences Building Rm 118)

Will I be paid for participating? Study participants will receive \$10 for each session (total of \$20) and parking will be paid for.

Who do I contact if I am interested in participating?

Maureen Whitford, PT, PhD, NCS

Assistant Professor in the Doctor of Physical Therapy Program

m.whitford@csuohio.edu

(216) 687-6988

Study Title: One vs. Two Handed Use After Stroke: Role of Task Requirements

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu

Reaching Study
(216) 687-6988
m.whitford@csuohio.edu