For Individuals with Amyotrophic Lateral Sclerosis

PURPOSE OF RESEARCH:

For individuals with ALS, the brain still creates movement signals even though the pathway for these signals has been disrupted. Also, the brain receptors for feeling are still active.

A better understanding of this brain activity can lead to developments for rehabilitation strategies and brain-computer (BCI) assistive technology design.

The purpose of this research study is to use functional MRI to locate or “map” brain activity in the part of the brain that generates movement signals and feels touch.

We will show you videos during an MRI and record your brain activity while you imagine and attempt various body movements.

ELIGIBILITY:

This study is for individuals 18 years old or older with arm and hand impairment due to ALS. Individuals must not have implanted electronic devices nor irremovable metal that is unsafe for MRI. Individuals must be not pregnant and must weigh less than 300 pounds.

DETAILS:

The MRI will take place at UPMC Presbyterian Hospital in Pittsburgh, PA. Parking validation will be provided.

You will be compensated $150 for completion of this research study. Participation is voluntary. You can withdraw at any time.

TO SCHEDULE OR TO FIND OUT MORE CALL:

Research team | 412-648-4035

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