



Research Study for People with Quadriplegia

University Hospitals and Case Western Reserve University are looking for people with extensive arm paralysis from either spinal cord injury or stroke who are interested in participating in a research study. The goal of the research study is to study the feasibility of a person with arm paralysis moving their arm and hand by thinking about that movement.

The research study is invasive and requires surgery. The surgeries involve placing micro-electrode arrays on the surface of the brain, and electrodes around or near the nerves in your arm and hand. This will be a time-intensive study, involving research sessions of 2-3 hours duration, and averaging 3 sessions per week. You must live within 3 hours of Cleveland, OH to participate. The study requires a commitment of 13 months, with an option to participate for longer. This study is being conducted by Dr. Jonathan Miller, MD at University Hospitals Cleveland Medical Center and Dr. Robert Kirsch, PhD at Case Western Reserve University.

If you would like to learn more about this study, please contact Dr. Miller by email at Jonathan.Miller@uhhospitals.org or by phone at (216) 844-3470, or contact the study coordinator, Bill Memberg by email at William.Memberg@uhhospitals.org.