

Identifying Impairments in Bilateral Coordination in Individuals Post-Stroke

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is also accepting healthy volunteers

Inclusion Criteria:

- Chronic stroke diagnosed at least 6 months ago - at least 45 years old - experiencing one-sided weakness (Hemiparesis) - Healthy Participants: at least 45 years old, no known orthopedic or musculoskeletal difficulties

Exclusion Criteria:

- medical diagnosis of any neurodegenerative disorder. - unable to move the upper limbs - unable to follow simple instructions - any impairments or severe pain that limits the movement of the upper limb

Conditions & Interventions

Conditions:

Brain & Nervous System

Keywords:

Arm Movement, CVA, Rehabilitation, Robotics, Stroke

More Information

Description: Bilateral coordination (ability to use both arms) is poorly understood in stroke. We are using a robotic device to measure bilateral coordination in different tasks in individuals with chronic stroke and people of the same age who have not had a stroke.

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