

Cerebral Palsy and the Study of Brain Activity During Motor Tasks

NCT01829724

Status	RECRUITING
Sponsor	National Institutes of Health Clinical Center (CC)
Enrollment	320 participants

Key Eligibility Criteria

Inclusion (8)

- Age 5 years and older
- Surgery free for six months in either the upper or lower extremities.
- Free from botulinum toxin injections within four months in either the upper or lower extremities.
- Either a healthy volunteer or have a diagnosis of a childhood-onset (before 13 years of age) brain injury resulting in motor impairment of one arm and one leg on the same side of the body or motor impairment of both legs or have a diagnosis of childhood-onset (before 13 years of age) peripheral injury resulting in sensory or motor impairment of any limb or multiple limbs.
- Able to understand and follow simple directions that include how to perform a repetitive task and when to start and stop doing the task, based on parent report if the subject is a child and physician observation during history and physical examination.

... and 3 more (see full listing online)

Exclusion (10)

- Any neurological, musculoskeletal or cardiorespiratory injury, health condition, or diagnosis other than childhood-onset brain or peripheral injury that would affect the ability to mentally concentrate or move a body part repetitively for short periods of time. Examples of this include, but are not limited to, congestive heart failure, end stage cardiac disease, or fractures that have not completely healed.
- Uncontrolled seizures.
- Concurrent use of medicines for muscle tone (e.g., baclofen, trihexyphenidyl, dantrolene sodium, tizanidine, or carbidopa/levodopa). If patients are taking these medications daily, the treating physician will be contacted by the MAI to determine if it is acceptable for the subject to temporarily discontinue the medication(s) for 24 hours prior to participating in testing for this study for each of the first 2 objectives. If that is not deemed to be safe, the subject will be excluded. Subjects who are on these medications will not be allowed to participate in Objective 3.
- Pregnancy: Childbearing potential will be determined during the history and physical exam and urine pregnancy test may be required
- Adult who can't consent for themselves.

... and 5 more (see full listing online)

Locations (1 total)

National Institutes of Health Clinical Center, Bethesda, Maryland, United States

<https://clinicaltrials.gov/study/NCT01829724>

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