

Priming Effects of Ultra-high Frequency Quattro Pulse Transcranial Brain Stimulation Prior to Hand Motor Function Training in Children With Unilateral Spastic Cerebral Palsy

NCT05165472

Status	RECRUITING
Phase	Not Applicable
Sponsor	Technical University of Munich
Enrollment	32 participants

Key Eligibility Criteria

Inclusion (3)

- Assured diagnosis of USCP.
- Children aged 6 to 18 years with USCP
- Dated and signed informed consent of legal guardian, informed assent from minor

Exclusion (9)

- Therapy refractory epilepsy
- Seizures within the last 2 years
- More than 1 anti epileptic drugs
- Implanted shunt system
- If singular primary motor cortex cannot be identified by TMS, e.g. because of bilateral cortico-spinal reorganization or resting motor threshold above 80% maximum stimulator output (MSO)

... and 4 more (see full listing online)

Locations (2 total)

Technical University Munich, Munich, Germany
Clinic for Neuropediatrics and Neurorehabilitation, Epilepsy Center for Children and Adolescents, Schön Klinik, Vogtareuth, Germany