

# Effects and Mechanisms of Sensory Afferent Electrostimulation on Upper Limb Function in Patients With Hemiparesis

NCT06536634

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Insel Gruppe AG, University Hospital Bern
Enrollment	34 participants

## Key Eligibility Criteria

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### Inclusion (5)

- Diagnosis of unilateral cerebral palsy/hemiparesis, following unilateral brain lesion, e.g. perinatal/childhood stroke (acquired prior to the age of 16 years)
- consistent and stable limitation of hand functions
- chronic state (time since lesion  $\geq 2$  years)
- aged 6-18 years
- parental informed consent if  $< 14$  years, informed consent of the patient if  $\geq 14$  years

### Exclusion (16)

- psychiatric disease that prevents the participant from informed participation and compliance in an adequate manner/setting
- Bilateral brain lesion
- Recent Botulinum toxin-injections (UL,  $< 6$  months)
- Hand surgery on paretic hand  $< 2$  years
- Trauma to UL in the last year
- ... and 11 more (see full listing online)

## Locations (1 total)

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Inselspital, Bern, Switzerland