

# GB-PRIME: An Early Feasibility Study of a Precise Robotically Implanted Brain-Computer Interface for the Control of External Devices

NCT07127172

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Neuralink Corp
Enrollment	7 participants

## Key Eligibility Criteria

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### Inclusion (5)

- (a) A diagnosis of a spinal cord injury, brain stem stroke, or other neurological condition causing the participant to be non-ambulant and with bilateral upper limb motor impairment with no expectation of recovery that significantly or completely impairs the participant's ability to manually control a computer, smartphone or tablet with their hands.
- OR (b) A diagnosis of Amyotrophic Lateral Sclerosis (ALS) or other progressive neurological condition where the natural history of the disease is well understood and where there is tetraparesis and the expectation in the view of the participants treating neurologist that the disease will progress such that the participant will meet 1a within 1 year of recruitment.
- Life expectancy e 12 months.
- Ability to communicate in English
- Presence of a stable caregiver

### Exclusion (11)

- Moderate to high risk for serious perioperative adverse events
- Active implanted devices
- Morbid obesity (Body Mass Index  $\geq$  40)
- History of poorly controlled seizures or epilepsy
- History of poorly controlled diabetes
- ... and 6 more (see full listing online)

## Locations (2 total)

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University College London Hospitals NHS Foundation Trust, London, Greater London, United Kingdom  
The Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, Tyne and Wear, United Kingdom