Functional Outcomes and Control Using Synchron BCI - Canada

NCT07446114

Status	RECRUITING
Phase	Not Applicable
Sponsor	Synchron, Inc.
Enrollment	10 participants

Key Eligibility Criteria

Inclusion (12)

- Able to provide informed consent to participate in the study, in the opinion of the Investigator(s).
- Diagnosis of amyotrophic lateral sclerosis or motor neuron disease, with bilateral upper-limb paresis.
- Aged 18 years or older.
- Life expectancy greater than 12 months post-implantation, in the opinion of the Investigator(s).
- Preserved precentral gyrus assessed using CT.

... and 7 more (see full listing online)

Exclusion (17)

- Unrealistic expectations regarding the potential benefits of the device, in the opinion of the Investigator(s).
- Active infection or unexplained fever in the 48 hours prior to informed consent.
- Major psychiatric disorder that may adversely impact the participant's safety or study compliance (e.g., severe depression, psychotic features, personality disorder, severe emotional lability, substance abuse), in the opinion of the Investigator(s).
- Dementia or cognitive dysfunction that would impact the participant's ability to participate in study activities, in the opinion of the Investigator(s).
- Active implanted device (e.g., deep brain stimulator, cardiac defibrillator, pacemaker, vagal nerve stimulator, spinal cord stimulator, diaphragmatic pacer, etc.).

... and 12 more (see full listing online)

Locations (2 total)

Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
St. Michael's Hospital, Toronto, Canada