

Effects of tES Combined With CMTD Gait Training on Cognition, Cortical Activity, Spinal Motoneuron Excitability and Motor Performance in Stroke Individuals

NCT07236216

Status	RECRUITING
Phase	Not Applicable
Sponsor	Mahidol University
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (6)

- Unilateral stroke individuals aged 18-80 years.
 - A first-ever stroke.
 - Stroke onset from at least 2 weeks-5 years.
 - Able to walk independently with or without gait aids (modified Rankin scale (mRS) 1-3)
 - Montreal cognitive Assessment-Thai version (MoCA-T) greater than or equal to 20 scores.
- ... and 1 more (see full listing online)

Exclusion (8)

- Presence of any psychological or neurological antecedent, unstable medical conditions or condition that may increase risk of stimulation such as epilepsy, seizure, and history of brain injury
 - Having unstable cardiovascular disease or respiratory disease, and uncontrolled chronic disease such as diabetes mellitus (DM), hypertension (HT) and chronic kidney disease (CKD)
 - Receiving other non-invasive brain stimulation or additional intervention such as TMS, PMS or acupuncture
 - Presence of metal implantation, intracranial shunt, cochlear implantation, or cardiac pacemakers.
 - Presence of an opened wound, infectious wound around scalp or craniectomy with unreplaced bone flap
- ... and 3 more (see full listing online)

Locations (1 total)

Faculty of Physical Therapy, Mahidol University, Nakhon Pathom, Thailand