Intermittent Theta Burst Stimulation on Cognitive Impairment of Cerebral Small Vessel Disease

NCT06579664

Status	RECRUITING
Phase	Not Applicable
Sponsor	Beijing Tiantan Hospital
Enrollment	58 participants

Key Eligibility Criteria

Inclusion (7)

- Age 45-80 years old, with no limitation on sex.
- Clinical evidence of CVSD as evidenced by one or more of:
- White matter hyperintensity with Fazekas score e2
- a lacunar stroke syndrome (e.g. pure motor stroke, pure sensory stroke, sensorimotor stroke, ataxic hemiparesis, or clumsy hand dysarthria syndrome) with a corresponding acute lacunar infarct on diffusion weighted imaging (DWI) for cases imaged (clinically) within 3 weeks of stroke or anatomically compatible lacunar infarct on fluid attenuated inversion recovery (FLAIR)/T1 MRI for cases imaged later after stroke (diameterd1.5cm).
- Independence of daily life (modified Rankin Scale score d2).

... and 2 more (see full listing online)

Exclusion (19)

- History of stroke within previous 30 days, including cerebral infarction (diameter \>15mm), cerebral hemorrhage, subarachnoid hemorrhage;
- History of cerebral cortex infarction.
- History of cerebrovascular malformation or aneurysmal subarachnoid hemorrhage, or discovery of an untreated aneurysm \> 3mm.
- Carotid or vertebral artery stenosis \> 50% measured on North American Symptomatic Carotid Endarterectomy Trial (NASCET) criteria.
- Possible amyloid cerebrovascular disease with at least 2 lobar hemorrhagic lesions (i.e., intracranial hemorrhage, cerebral microbleeds (CMB), cortical superficial siderosis, or convexal subarachnoid hemorrhage) measured on Boston Criteria 2.0; Or at least one lobar hemorrhagic lesion and at least one white matter feature (severe enlarged perivascular space in the centrum semiovale or multiple punctate white matter hyperintensities) without deep hemorrhagic lesion (cerebral hemorrhage or CMB) on T2* weighted MRI.

... and 14 more (see full listing online)

Locations (1 total)

Beijing Tiantan Hospital, Beijing, China