

Intra-arterial Alteplase for Acute Ischemic Stroke After Mechanical Thrombectomy

NCT05856851

Status	RECRUITING
Phase	Phase 3
Sponsor	Sun Yat-Sen Memorial Hospital of Sun Yat-Sen University
Enrollment	324 participants

Key Eligibility Criteria

Inclusion (8)

- Aged 18 years or older.
- Clinical diagnosis of acute ischemic stroke.
- Time from symptom onset to randomization within 24 hours, including wake-up stroke or no-witness stroke; the onset time refers to "Last Known Well" (LKW).
- CTA or MRA confirmed occlusion of the intracranial segment of the internal carotid artery, or M1 or M2 segment of the middle cerebral artery; stable eTICI score of 2b50-3 after mechanical thrombectomy, with or without intravenous thrombolysis. Patients with an eTICI score of 2b50-3 on the diagnostic cerebral angiography before mechanical thrombectomy are also eligible for the study.
- Baseline NIHSS of 6-25.

... and 3 more (see full listing online)

Exclusion (19)

- Contraindication to rt-PA (except time to therapy).
- Planned use of dual antiplatelet therapy within the first 24 hours after mechanical thrombectomy.
- Angiographic evaluation showing dissection, severe stenosis, or complete occlusion of the carotid artery, which requires the use of carotid artery stents during the endovascular procedure.
- Suspected cerebral vasculitis based on medical history and/or angiographic evaluation.
- Women who are pregnant or breastfeeding.

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

Locations (2 total)

Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University, Guangzhou, Guangdong, China
Shenzhen Hospital of Southern Medical University, Shenzhen, Guangdong, China