

Post-thrombectomy Intra-arterial Tenecteplase for Acute management of Non-retrievable Thrombus and No-reflow in Emergent Stroke

NCT05892510

Status	RECRUITING
Phase	Phase 2, Phase 3
Sponsor	University of Melbourne
Enrollment	462 participants

Key Eligibility Criteria

Inclusion (6)

- Adult participants (age ≥ 18 years) presenting with ischemic stroke with arterial LVO on CT/MR Angiogram of the intracranial internal carotid or middle cerebral artery (MCA) first segment (M1) or proximal second segment (M2) committed to thrombectomy using standard criteria within 24 hours of onset:
 - For 0-6 hours of symptom onset: Presence of arterial occlusion as defined above and ASPECTS ≥ 3 on NCCT
 - For 6-24 hours of symptom onset: Additional imaging criteria on CTP or MRI perfusion of core volume < 100ml.
 - Qualifying CT/MR within 4hrs of randomisation (repeat CT for transferred participants required if > 4hr)
 - Pre-stroke Modified Rankin Scale (mRS) score of ≤ 2 (mild pre-existing disability permitted)
- ... and 1 more (see full listing online)

Exclusion (14)

- Intracranial hemorrhage identified by CT or MRI
 - ASPECTS 0-2 on NCCT
 - CTP or MRI perfusion ischemic core volume > 100ml if presenting within 6-24 hours from symptoms onset
 - Anticipated endovascular stenting required for intracranial or extracranial atherosclerotic stenosis/occlusion.
 - More than six retrieval attempts in the same vessel
- ... and 9 more (see full listing online)

Locations (13 total)

Gold Coast University Hospital, Gold Coast, Queensland, Australia
Royal Adelaide Hospital, Adelaide, Australia
Princess Alexandra Hospital, Brisbane, Australia
... and 10 more locations