

Advancing Reperfusion Therapy for Ischemic Stroke (ARTS): Tenecteplase in Medium Vessel Occlusion (MeVO) for Acute Ischemic Stroke

NCT07047014

Status	RECRUITING
Phase	Phase 3
Sponsor	Beijing Tiantan Hospital
Enrollment	596 participants

Key Eligibility Criteria

Inclusion (7)

- (1) Age ≥ 18 years old;
 - (2) Acute ischemic stroke symptom onset within 4.5 - 24 hours; including wake-up stroke and unwitnessed stroke, onset time refers to "last-seen normal time";
 - (3) Primary medium vessel occlusions confirmed by CTA/MRA, including distal M2/M3 segments of the middle cerebral artery (MCA), A1/A2/A3 segments of the anterior cerebral artery (ACA), and P1/P2/P3 segments of the posterior cerebral artery (PCA) and responsible for the signs and symptoms of acute ischemic stroke;
 - (4) Neuroimaging criteria: a) Perfusion criteria: Target mismatch profile on CT perfusion or MRI+MR perfusion (ischemic core volume <70mL, mismatch ratio >1.2, mismatch volume >10mL); b) If neither MRI or CT perfusion is available at the site : an Alberta Stroke Program Early CT Score [ASPECTS] of 8 or more on NCCT /MRI-DWI or PC-ASPECTS of 8 or more on NCCT/MRI-DWI.
 - (5) Pre-stroke modified Rankin scale (mRS) score ≤ 1;
- ... and 2 more (see full listing online)

Exclusion (17)

- (1) Allergy to tenecteplase;
 - (2) Rapidly improving symptoms at the discretion of the investigator;
 - (3) NIHSS consciousness score ≤ 2, or epileptic seizure, hemiplegia after seizures (Todd's palsy) or other neurological/mental illness such that the patient is not able to cooperate or unwilling to cooperate;
 - (4) Intention to undergo endovascular treatment.
 - (5) Persistent blood pressure elevation (systolic ≥ 185 mmHg or diastolic ≥ 110 mmHg), despite blood pressure-lowering treatment;
- ... and 12 more (see full listing online)

Locations (7 total)

Beijing tiantan hospital, Beijing, Beijing Municipality, China
Jiuquan city people's hospital, Jiuquan, Gansu, China
Xingtang People's Hospital, Shijiazhuang, Hebei, China
... and 4 more locations

<https://clinicaltrials.gov/study/NCT07047014>

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