

Tenecteplase References

Published Clinical Trials

- Tenecteplase in Stroke (2010)
 - Phase IIB/III trial of tenecteplase in acute ischemic stroke: results of a prematurely terminated randomized clinical trial
- TNK-S2B (2010)
 - Study of tenecteplase in acute ischemic stroke
- TAAIS trial (2012)
 - A randomized trial of tenecteplase versus alteplase for acute ischemic stroke
- ATTEST (2015)
 - Alteplase versus tenecteplase for thrombolysis after ischemic stroke
- TEMPO-1 (2015)
 - Tenecteplase-tissue-type plasminogen activator evaluation for minor ischemic stroke with proven occlusion
- NOR-TEST (2017)
 - Tenecteplase versus alteplase for management of acute ischemic stroke
- EXTEND-IA TNK (2018)
 - Tenecteplase versus alteplase before thrombectomy for ischemic stroke
- NOR-TEST prespecified substudy (2019)
 - Tenecteplase versus alteplase between 3 and 4.5 hours in low national institutes of health stroke scale
- EXTEND IA TNK Part 2 (2020)
 - Effect of intravenous tenecteplase dose on cerebral reperfusion before thrombectomy in patients with large vessel occlusion ischemic stroke
- TRACE (Feb, 2022)
 - Safety and efficacy of tenecteplase versus alteplase in patients with acute ischaemic stroke
- EXTEND IA TNK Pooled analysis (March, 2022)
 - Safety and Efficacy of Tenecteplase in Older Patients with Large Vessel Occlusion
- TASTEa (Jun, 2022)
 - Comparison of tenecteplase with alteplase for the early treatment of ischemic stroke in the Melbourne Mobile Stroke Unit
- NORTEST-2 (Jun, 2022)
 - Tenecteplase versus alteplase for the management of acute ischemic stroke in Norway

- AcT (Jul, 2022)
 - Intravenous tenecteplase compared with alteplase for acute ischaemic stroke in Canada
- Biosimilar Tenecteplase Versus Alteplase in Acute Ischemic Stroke: A Real World Study (Jan/Feb 2023)
- TWIST (Feb, 2023)
 - Safety and efficacy of tenecteplase in patients with wake-up stroke assessed by non-contrast CT
- TRACE-2 (Feb, 2023)
 - Tenecteplase versus alteplase in acute ischaemic cerebrovascular events

Completed Clinical Trials Not Published Yet

- CHABLIS-T
 - Chinese acute tissue-based imaging selection for lysis in stroke –tenecteplase
 - Presented at International Stroke Conference 2022

Meta-Analysis & Reviews

- Evidence that Tenecteplase Is Noninferior to Alteplase for Acute Ischemic Stroke: Meta-Analysis of 5 Randomized Trials (Burgos & Saver 2019)
- Tenecteplase Thrombolysis for Acute Ischemic Stroke (Warach, Dual, 2020)
- Intravenous Thrombolysis With Tenecteplase in Patients With Large Vessel Occlusions (Katsanos, Safouris 2021)
- Routine Use of Tenecteplase for Thrombolysis in Acute Ischemic Stroke (Zhong, Beharry 2021)
- Tenecteplase for thrombolysis in stroke patients (Oliveira, Fidalgo 2021)
- Off-label use of tenecteplase for the treatment of acute ischemic stroke (Katsanos, Psychogios 2022)
- Tenecteplase in ischemic stroke: challenge and opportunity (Guangshuo, Wang 2022)
- Tenecteplase vs. alteplase for acute ischemic stroke: a systematic review (Potla & Ganti 2022)
- Tenecteplase use in the management of acute ischemic stroke: Literature review and clinical considerations (Hailu, Cannon 2022)
- Outcomes with IV tenecteplase and IV alteplase for acute ischemic stroke with or without thrombectomy in real-world settings in the United States (Qureshi, Baskett 2023)

- Tenecteplase vs. alteplase for treatment of acute ischemic stroke: A systematic review and meta-analysis of randomized clinical trials (Kobeissi, Ghozy 2023)

Real-World Implementation

- Prospective Observational Cohort Study of Tenecteplase Versus Alteplase in Routine Clinical Practice (Warach, Dula, Milling et al., Stroke 2022; 53:3583-3593.)
- Tenecteplase Improves Door-to-Needle Time in Real-World Acute Stroke Treatment (Hall, Thon, Heslin, 2021)
- Switching to Tenecteplase for Stroke Thrombolysis (Mahawish K, et al. Stroke 2021; 52(10): e590.)
- [Routine Use of Tenecteplase for Thrombolysis in Acute Ischemic Stroke - PubMed \(nih.gov\)](#) (Zhong, Beharry Stroke 2021)