



























TX Time < 6 hours
Streptokinase
MAST-E NEJM 1996

Streptokinase for Acute Ischemic Stroke
With Relationship to Time
of Administration

ASK JAMA 1996

TX Time < 6 hours
Streptokinase
HARM - STOPPED
EARLY

Tx Time < 4 hours
Streptokinase
HARM - STOPPED
EARLY

Randomised double-blind placebo-controlled trial of thrombolytic therapy with intravenous alteplase in acute ischaemic stroke
(ICASS II)

ECASS II Lancet 1998

Recombinant Tissue-Type Plasminogen
Activator (Alteplase) for Ischemic Stroke
3 to 5 Hours After Symptom Onset

ATLANTIS B JAMA 1999

Tx Time < 6 hours
Alteplase
No Benefit

Tx Time < 6 hours
Alteplase
HARM - STOPPED
EARLY

The rtPA (Alkeplace) 6- to 6-Hour Acute Stroke Trial, Part A (A9276g): Results of a Double-Blind, Placebo-Controlled, Multicenter Study

ATLANTIS A Stroke 2000

Intravenous desmoteplase in patients with acute ischaemic stroke selected by MRI perfusion-diffusion weighted imaging or perfusion CT (DMS-2): a prospective, randomised, double-blind, placebo-controlled study

DIAS-2 Lancet Neurol 2009

Thrombolysis with Alteplase 3 to 4.5 Hours after Acute Ischemic Stricke

Werner Hacks M.D. Marklu Kans, M.D. Gill Blub-M.R. M.D. Gill Blub-M.R. M.D. Charles Income, M.D. Antonic Rosense College, M.D. Charles Income, M.D. Antonic Rosense College, M.D. Charles Marketing, M.D. Charles Marketing, M.D. Charles Marketing, M.D. Thomas Marketing, M.D. Gill Charles College and Davido Tox. M.D. for the ICASI Investigators*

Treatment Time: 3 - 4.5 hours

Outcome: More favorable neuro outcome, no mortality difference

NNT = 15













































