

Is intracranial artery dissection (IAD) associated with intracranial hemorrhage following intravenous thrombolysis?



Nationwide inpatient database including discharge abstract & administrative claims data



Adult patients with acute ischemic stroke receiving intravenous thrombolysis (N = 83,139)

1:4 matching



IAD
(N = 242)



Matched controls
(N = 968)



Intracranial Hemorrhage (ICH)



Functional independence at discharge



In-hospital mortality

OUTCOMES

MAIN FINDINGS



Increased risk of ICH
OR 3.18
95% CI 1.26–8.06



Lower likelihood of functional independence
OR 0.51
95% CI 0.37–0.72



Not associated with in-hospital mortality
OR 1.09
95% CI 0.50–2.38

Patients with IAD may face higher risk of ICH and worse functional outcomes than those without