E-049  THROMBECTOMY FORCES AND MECHANICAL PROPERTIES OF EMBOLI IN LARGE VESSEL OCCLUSION STROKE

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Background and Purpose Despite advancement in technique, around 30% of mechanical thrombectomies (MT) for acute large vessel occlusion (LVO) are unsuccessful. Current prediction models fail to address the association between patient’s specific factors and post-procedural reperfusion. In the present study, we aim to evaluate pre-thrombectomy clinical and radiological features and their association with failed MT.

Methods We retrospectively analyzed consecutive, adult, MT patients with anterior circulation LVO (2012–2017) treated at two large comprehensive stroke centers. We collected clinical and procedural data and reviewed imaging features from non-contrast enhanced head computed tomography (CT), CT...