

MUSC Telestroke Recommendations: Criteria for Cerebral Intra-arterial/Intravenous thrombolysis and or Thrombectomy

Guideline:

1. A patient may be eligible for intra-arterial thrombectomy (with or without IV tPA) if they meet one or more of the following criteria:

- Acute Ischemic Strokes new disabling neurological deficit
 - Presenting within 6 hours of Last Known Normal
 - Perform CT and CTA to demonstrate a large vessel occlusion
 - Presenting greater than 6 hours of Last Known Normal
 - Perform CT, CTA, and CTP with option of stopping CTP to evaluate for mechanical thrombectomy
- AND-
- Acceptable ASPECTS score

2. A patient may not be eligible for intra-arterial thrombectomy if they meet the following criteria:

Acute Anterior or Posterior Circulation Strokes

- New disabling neurological deficit attributable to a large vessel occlusion with an unacceptable ASPECTS or intracranial hemorrhage

Reference:

Powers, W.J., Rabinstein, A.A., Ackerson, T., Opeolu, A.M., Bambakidis, N.C., Becker, K., Biller, J., Brown, M., Demaerschalk, B.M., Ho, B., Jauch, E.C., Kidwell, C.S., Leslie-Mazwi, T.M., Ovbiagele, B., Scott, P.A., Sheth, K.N., Southerland, A.M., Summers, D.V., Tirschwell, D.L. 2018 Guidelines for the Early Management of Patients with Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Health Association/American Stroke Association. Stroke 49(4). DOI <https://doi.org/10.1161/STR.000000000000158>



May 2019