

# Image Detection of Impaired Microcirculatory Reperfusion

NCT07099599

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**Status** RECRUITING  
**Sponsor** University of Cincinnati  
**Enrollment** 40 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Adults greater than or equal to 18 years of age
- Last known normal (LKN) within 24 hours
- Ischemic stroke due to anterior circulation LVO (intracranial internal carotid artery [ICA], proximal middle cerebral artery [M1], M1/M2 bifurcation, or proximal dominant M2 occlusion)
- mTICI2c or mTICI3 on digital subtracted angiography (DSA) following mechanical thrombectomy

### Exclusion (9)

- Significant renal insufficiency (glomerular filtration rate  $\leq 30$  ml/min<sup>2</sup> while not on dialysis)
  - Contraindication to iodinated contrast
  - Contraindication to magnetic resonance imaging (e.g., pacemaker incompatibility)
  - Prior significant stroke in same vascular territory ipsilateral stroke
  - Tandem vessel occlusion (i.e., extracranial ICA and ipsilateral intracranial M1/M2 occlusion)
- ... and 4 more (see full listing online)

## Locations (1 total)

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University of Cincinnati, Cincinnati, Ohio, United States