

Modified treatment in cerebral ischemia score

The modified Treatment in Cerebral Ischemia (mTICI) [score](#) is a [grading](#) system used to assess the level of blood flow restoration ([reperfusion](#)) in the brain after [mechanical thrombectomy](#) (MT) or other [endovascular treatments](#) for [acute ischemic stroke](#). It measures the success of [recanalization](#), specifically how well blood flow is restored to the brain areas affected by the stroke.

Here's a breakdown of the mTICI score:

0: No perfusion – No blood flow beyond the point of occlusion.

1: Minimal perfusion – Minimal blood flow with very limited reperfusion in the territory of the occluded artery.

2A: Partial perfusion (<50%) – Partial filling of less than half of the affected vascular territory (less than 50%).

2B: Partial perfusion (≥50%) – Partial filling of more than half of the affected territory (≥50%).

2C: Near-complete perfusion – Near-complete reperfusion except for slow flow or small distal branches that are occluded.

3: Complete perfusion – Full reperfusion with no residual occlusion or significant delay in flow.

In clinical studies, the mTICI score is crucial for determining the success of thrombectomy procedures. A score of 2B or higher is generally considered successful reperfusion.

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