



## December 15<sup>th</sup>, 2023 Meeting Minutes

| Topic                    | Discussion  |
|--------------------------|---|
| Call to order            | Gene Latorre called the meeting to order at 10:01   |
| Meeting Minutes Approval | Previous meeting minutes approved   |
| Chairman Update          | <p>Gene Latorre began with a Chairman’s Update (slides attached):</p> <ul style="list-style-type: none"> <li>• TIMELESS Trial               <ul style="list-style-type: none"> <li>○ Hypothesis: EVT with IVT (using TNK) in delayed time window (4.5-24 hours) will improve outcome of patients with LVO stroke</li> <li>○ Efficacy: No difference in functional outcome (46% vs 42% p=ns)</li> <li>○ Safety: NO excess symptomatic ICH ( 3.2% vs 2.8%), NO excess death (19.7% vs 19.6%)</li> <li>○ Subgroup analysis (hypothesis generating) suggests potential benefit with TNK for                   <ul style="list-style-type: none"> <li>▪ Complete recanalization (77% vs 64% p&lt;0.006)</li> <li>▪ M1 occlusion subgroup (46% vs 31% p=0.017)</li> </ul> </li> </ul> </li> <li>• Expanded Endovascular Thrombectomy (EVT) Criteria Update               <ul style="list-style-type: none"> <li>○ Recent evidence                   <ul style="list-style-type: none"> <li>▪ Patients <b>with large core infarct</b> (not included in original DEFUSE/DAWN) trial may still benefit (SELECT2, TESLA, ANGEL-ASPECT, RESCUE-Japan LIMIT)</li> <li>▪ Patients with <b>unknown LKW or greater than 24 hours</b> from onset may still benefit (SELECT Late 2023)</li> <li>▪ Patients with pre-existing disability (<b>modified Rankin Score&gt;2</b>) may still benefit (Yang 2022 Metaanalysis: 13 observational studies)</li> <li>▪ Patients with <b>medium vessel occlusion</b> may still benefit (Toh 2023 Metaanalysis (1 RCT, 2 prospective, 10 retrospective cohort))</li> <li>▪ Patients with <b>mild stroke (NIHSS &lt;6)</b> but large penumbra on imaging is at risk for clinical deterioration and may still benefit (ENDOLOW and MOSTE trial ongoing)</li> <li>▪ See expanded EVT guidelines below</li> </ul> </li> </ul> </li> <li>• Next ISC Phoenix, AZ- February 7-9, 2024</li> </ul> |

Attendees: H> Sherrill, J. Waufle, L. Gasowski, J. Brenner, M. Jorolemon, M. Vallelunga, G. Latorre, J. Onyan, J. Dlugolecki, J. Zylich, O. Kaskov, K. Black, J. Dennis, P. Veinot, J. Thompson, H. Malek, T. Davoy, K. Loveland, R. Turrin

**Appendix 1 - Mechanical Thrombectomy Clinical Guidelines\***

| Time Profile                      | Inclusion Criteria*  |
|-----------------------------------|--|
| LKW Less than 6 hours             | <ol style="list-style-type: none"> <li>NIHSS 6 or higher (lower value may be considered at the discretion of the NIR Attending)</li> <li>ASPECTS 6 or higher (lower value may be considered at the discretion of the NIR Attending)</li> <li>CTA showing large vessel occlusion</li> <li><b>IF AVAILABLE:</b> CTP showing <b>SALVAGEABLE TISSUE</b></li> </ol>   |
| LKW 6-24hr                        | <ol style="list-style-type: none"> <li>NIHSS 6 or higher (lower value may be considered at the discretion of the NIR Attending)</li> <li>ASPECTS 6 or higher (lower value may be considered at the discretion of the NIR Attending)</li> <li>CTA showing large vessel occlusion</li> <li>CTP showing                             <ul style="list-style-type: none"> <li>- CBF &lt;30% volume: &lt; 70cc (larger volume may be considered at the discretion of the NIR Attending)</li> <li>- Mismatch volume: &gt;15cc</li> <li>- Mismatch ratio: &gt; 1.8</li> </ul> </li> </ol>   |
| <b>UNK LKW or Wake-up Strokes</b> | <ol style="list-style-type: none"> <li>NIHSS 6 or higher</li> <li><b>NCCT showing no obvious hypodensity (high ASPECTS score)</b></li> <li>CTA showing large vessel occlusion</li> <li>CTP showing favorable characteristics including but not limited to the following                             <ul style="list-style-type: none"> <li>• <b>High mismatch ratio (usually &gt;1.8)</b></li> <li>• <b>Small core infarct volume (ideally &lt; 50cc)</b></li> <li>• <b>Large perfusion defect (usually 15cc greater than core)</b></li> <li>• <b>Good collateral (usually Hypoperfusion Index less than 0.4)</b></li> </ul> </li> </ol> |

**\*NOTE: This document serves as a guideline, as an individual patient's risk/benefit profile varies. The final decision for mechanical thrombectomy is at the discretion of the Neuro-Interventional Attending**

**Old Business**

None to discuss

**New Business**

Bylaw review and updated: The 2023 RSTAC bylaws were circulated to the group electronically over the summer with request for edits. The only suggestion was regarding the officer section. It was suggested to add "Thrombectomy Capable Stroke Center (TSC)," as an option. During the meeting, the group agreed that this addition would be appropriate, and a vote was cast to approve the change. No opposition to the suggestion and the 2024 bylaws will include this change.

Regional Hospital and EMS initiatives: Josh asked the group about Pulsara integration for EMS notification. Oneida reported that it currently uses Pulsara to receive EMS notifications. Jess T reports that CPH, Massena, and Gouverneur will be looking to go-live with using Pulsara mid-January 2024. Lewis County will be using Pulsara by q1 end.

Rome Hospital- Jarrod reported that Rome Hospital has applied for their Primary Stroke Center (PSC) Designation with a survey this month. Jessica Zylich reported that Lourdes is up for their recertification as PSC through the Joint Commission.

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| <b>New York States Updates</b>      | Josh reported that the NYS Stroke Advisory group continues to meet quarterly.  |
| <b>Educational Opportunities</b>    | <p>Josh reported that the Upstate RUSH Virtual Conference series will resume January 2024, with monthly (free) hour-long presentations. Each session will carry 1.0 ICNE or CME credits. Registration can be found on the Upstate.edu/stroke website.</p> <p>International Stroke Conference 2024 February 6-9 Phoenix, AZ</p> |
| <b>Regional Reports/Round Table</b> | Nothing additional to report   |
| <b>Adjournment</b>                  | Meeting was adjourned at 1038  |
| <b>Next Meeting:</b>                | Friday, March 15 <sup>th</sup> 2024 via Zoom <a href="https://upstate.zoom.us/j/93067046624">https://upstate.zoom.us/j/93067046624</a>   |