

NC Stroke System Of Care

**Work Group Discussion:
Integrating and Accessing
Care**

Which Phase of STK Care

- **HyperAcute**
 - **PreHospital EMS – Routing/Stroke Severity/Education**
 - Mission Lifeline – 5 Hours to Allow Transport, Imaging?
 - OEMS Updated STK Triage and Destination Plan
 - Wake Up Strokes
 - **Golden Hour – Door... to Drug/Intervention/Door**
 - NC Stroke Management Protocol
 - **Transport System**
 - Interventional Center Driven – Regional EMS
 - Asymmetric State Coverage
 - Auto- Accept?; Image Access?; Patient Safety In Route; Alteplase infusion in route?
- **Acute Care Hospital Management**

Goals:

Simple Message to Improve Awareness During ED Phase What are the key messages ED staff need to know?

- Early Identification of LVO population
 - Stroke Severity vs NIHSS
 - Thresholds (LKW (hours) + NIHSS (Score))
 - Transport Considerations
- Early Communication
 - New Language - Door to Door
- Guidance/Education on imaging options
 - NCCT and aspects score
 - NCCT and CTA – Community Centers Admitting/Not Admitting Alteplase patients
 - CTP or MR – Larger Centers
- Change Management: Treatment during imaging? During Transport? Ubiquitous Image Access by CSC and PSC+
- Transport Barriers
 - Auto – Accept?

Begin with the familiar?



CT, computed tomography; ED, emergency department; MD, medical doctor; MRI, magnetic resonance imaging; NIHSS, National Institute of Health Stroke Scale

Next Steps

Add New elements to the Golden Hour/45 Min?

Develop Tool and Begin Outreach to all facilities managing emergent stroke:

- Request EMS Severity Score during pre-call
- ED Physician Calls Early in process – Post CT? After NIHSS?
- Transport Established During Initial Call – EMS held if air not possible (Standby)
- Educate Around Simple Stratification?
 - Not a candidate due to exclusion/refusal/and Non-LVO
 - Alteplase 0 – 4.5 non-LVO (Red)
 - Alteplase + for LVO + 4.5 – 6 LVO (Yellow)
 - Wake-Up Stroke with LVO (Green)
- Advanced Imaging guidance – Aspect/CTA/CTP
 - Drip – Ship VS Drip – Admit
- Door to Door Goal Established (Stick with Golden Hour?)