

Since July 2012, the American Heart Association/American Stroke Association has collaborated with The Joint Commission to offer Comprehensive Stroke Center certification. This certification is reserved for hospitals that have specific abilities to receive and treat the most complex stroke cases. Comprehensive Stroke Centers must continue to meet the performance measure requirements for Primary Stroke Centers in addition to the new comprehensive stroke performance measures. For more information see www.heart.org/certification.

As part of a pilot project to allow for the collection of more detailed information on treatments provided to complex stroke patients, Get With The Guidelines®-Stroke has developed a set of **Comprehensive Stroke** measures that hospitals can run using the Web-based Patient Management Tool™ (powered by Outcome, A Quintiles Company).

This fact sheet provides an overview of the 14 pilot Comprehensive Stroke measures reported on via Get With The Guidelines®-Stroke. These measures were developed by the Get With The Guidelines® expert leaders to help support hospital processes and aspects of care that are strongly supported by science.

The Get With The Guidelines® program makes every effort to ensure compatibility with measures from other organizations. The pilot Get With The Guidelines® Comprehensive Stroke measures do not precisely match those being collected as part of The Joint Commission's Comprehensive Stroke Pilot Project. Once data from both pilot projects can be evaluated, we will work together to determine how the measures can be harmonized.

MEASURES

- **National Institutes of Health Stroke Scale (NIHSS) Score on Arrival:** Percent of ischemic stroke patients for whom an initial NIHSS is documented on arrival.
- **Modified Rankin Score (mRS) at 90 days:** Percent of ischemic stroke patients treated with IV or IA pharmacologic thrombolytic therapy or endovascular reperfusion procedure for whom a 90 day (≥ 75 days and ≤ 105 days) mRS is obtained via telephone or in-person and documented.
- **Severity Measurement on Arrival – Intracerebral Hemorrhage (ICH):** Percent of ICH patients with ICH Score on arrival.
- **Severity Measurement on Arrival – Subarachnoid Hemorrhage (SAH):** Percent of SAH patients with Hunt and Hess Score on arrival.
- **Procoagulant reversal agent initiated:** Percent of patients with intracerebral hemorrhage (ICH) and an INR ≥ 1.4 due to warfarin anticoagulation that are treated with a procoagulant reversal agent.
- **Median Time to Procoagulant Treatment for Intracerebral Hemorrhage (ICH):** Median time to treatment with a procoagulant reversal agent for warfarin related ICH.
- **Median Time to INR Reversal:** Median time to INR reversal in patients treated with procoagulant reversal agent for warfarin related ICH.
- **Intracranial Hemorrhagic Complication, IV tPA alone:** Percent of ischemic stroke patients treated with IV tPA at this hospital that
- **Intracranial Hemorrhagic Complication, Intra-arterial thrombolytic therapy alone:** Percent of ischemic stroke patients treated with IA catheter-based reperfusion therapy at this hospital that develop intracranial hemorrhagic complications within 36 hours of treatment.
- **Intracranial Hemorrhagic Complication, IV tPA + Intra-arterial thrombolytic therapy:** Percent of ischemic stroke patients treated with IV tPA followed by IA catheter-based reperfusion therapy at this hospital that develop intracranial hemorrhagic complications within 36 hours of treatment.
- **Nimodipine Treatment Initiated (Comprehensive):** Percent of subarachnoid hemorrhage (SAH) patients for whom nimodipine treatment was initiated within 24 hours of arrival
- **Median time to recanalization:** Median time from arrival to first radiographic image showing access of the occluded arterial segment with a microcatheter in acute ischemic stroke patients who undergo recanalization therapy.
- **Thrombolysis in Cerebral Infarction (TICI) Post-Treatment Reperfusion Grade 2B or 3:** The proportion of patients undergoing catheter-based reperfusion therapy in whom the end of procedure TICI reperfusion grade is 2B or higher.
- **Thrombolysis in Cerebral Infarction (TICI) Post-Treatment Reperfusion Grade:** Patients grouped by Thrombolysis in Cerebral Infarction (TICI) Post-Treatment Reperfusion Grade.

Visit heart.org/certification for more information.

Web-based Patient Management Tool provided by Outcome, A Quintiles Company, Cambridge, Mass.