

STROKE FACT SHEET



BACKGROUND

In July 2014, The Joint Commission (TJC®) approved a set of standardized performance measures for Comprehensive Stroke Certification mandatory for all Comprehensive Stroke Centers (CSC). These comprehensive stroke (CSTK) measures were developed for the management of both ischemic and hemorrhagic stroke patients in hospitals equipped with the clinical expertise, infrastructure, and specialized neurointerventional and imaging services needed to provide the next level of stroke care. In addition to these new comprehensive stroke performance measures, CSCs must continue to meet the performance measure requirements for Primary Stroke Centers.

To further support hospital processes and the delivery of care that are strongly supported by science, Get With the Guidelines Stroke Program supports the collection of the CSTK measures. Additionally, the Get With the Guidelines expert leaders have developed additional Get With the Guidelines Comprehensive measures. This fact sheet provides an overview of both the standardized Comprehensive Stroke measures and the additional GWTG Comprehensive measures available for reporting within the Get With the Guidelines-Stroke Patient Management Tool.

TJC® STROKE MEASURES

Certification is available only to Joint Commission-accredited acute care hospitals that meet all the general eligibility requirements for Disease-Specific Care and Primary Stroke Center (PSC) certification. Certified Comprehensive Stroke Centers are required to meet the performance measurement requirements for Primary Stroke Centers, including the collection of data for the eight stroke core measures and submission of monthly data points every quarter through the Certification Measure Information Process. Below are the Stroke Core (STK) measures.

- **STK-1:** Venous Thromboembolism (VTE Prophylaxis)
- **STK-10:** Assessed for Rehabilitation
- **STK-2:** Discharged on Antithrombotic Therapy
- **STK-3:** Anticoagulation Therapy for Atrial Fibrillation/Flutter
- **STK-4:** Thrombolytic Therapy
- **STK-5:** Antithrombotic Therapy by End of Hospital Day Two
- **STK-6:** Discharged on Statin Medication
- **STK-8:** Stroke Education

TJC® COMPREHENSIVE STROKE MEASURES

The Comprehensive Stroke measure set consists of ten standardized measures. Data for these ten CSTK measures is collected in addition to the eight stroke core measures required for primary stroke center certification, elevating the performance measurement requirement for comprehensive stroke certification to a total of 18 measures. Below are the ten CSTK measures required for discharges on and after January 1, 2018.

- **CSTK-01:** National Institutes of Health Stroke Scale (NIHSS Score Performed for Ischemic Stroke Patients)
- **CSTK-03:** Severity Measurement Performed for SAH and ICH Patients (Overall Rate)
- **CSTK-04:** Procoagulant Reversal Agent Initiation for Intracerebral Hemorrhage (ICH)
- **CSTK-05:** Hemorrhagic Transformation (Overall Rate)
- **CSTK-06:** Nimodipine Treatment Administered

- **CSTK-08:** Thrombolysis in Cerebral Infarction (TICI Post-Treatment Reperfusion Grade)
- **CSTK-09:** Arrival Time to Skin Puncture
- **CSTK-10:** Modified Rankin Score (mRS) at 90 Days: Favorable Outcome
- **CSTK-11:** Timeliness of Reperfusion: Arrival Time to TICI 2B or Higher
- **CSTK-12:** Timeliness of Reperfusion: Skin Puncture to TICI 2B or Higher

TJC® THROMBECTOMY CAPABLE STROKE CENTERS MEASURES

All certified Thrombectomy-Capable Stroke Center (TSC) programs will be required to collect and report data for the eight Joint Commission STK measures in addition to five selected CSTK measures relating to ischemic strokes for a total performance measurement requirement of 13 measures.

- **STK-1:** Venous Thromboembolism Prophylaxis
- **STK-2:** Discharged on Antithrombotic Therapy
- **STK-3:** Anticoagulation Therapy for Atrial Fibrillation/Flutter
- **STK-4:** Thrombolytic Therapy
- **STK-5:** Antithrombotic Therapy by End of Hospital Day 2
- **STK-6:** Discharged on Statin Medication
- **STK-8:** Stroke Education
- **STK-10:** Assessed for Rehabilitation
- **CSTK-1:** NIHSS Score Performed for Ischemic Stroke Patients
- **CSTK-2:** Modified Rankin Score at 90 days
- **CSTK-5:** Hemorrhagic Transformation (Overall Rate)
- **CSTK-8:** TICI Post-Treatment Reperfusion Grade
- **CSTK-9:** Arrival Time to Skin Puncture

GWTG® COMPREHENSIVE MEASURES

- **Door to Arterial Puncture Time:** Time from arrival to arterial puncture for ischemic stroke patients treated at my hospital with IA catheter-based treatment.
- **Median Time to INR Reversal (Comprehensive):** Median time to INR reversal in patients treated with procoagulant reversal agent for warfarin related Intracerebral Hemorrhage (ICH).
- **Median Time to Procoagulant Treatment for Intracerebral Hemorrhage (Comprehensive):** Median time to treatment with a procoagulant reversal agent for warfarin related ICH.
- **Thrombolysis in Cerebral Infarction (TICI) Post-Treatment Reperfusion Grade (Comprehensive):** Patients grouped by TICI Post-Treatment Reperfusion Grade.

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