

GWTC – Stroke Registry Programs

Patient Management Tool (PMT) Updates

Release Date: December 16, 2020
Impacted Users: TJC Certified Sites – STK, CSTK, ASR

Summary of Changes in this Release:

Please refer to The Joint Commission's most updated Specifications Manual for a complete synopsis of the January 2021A1 Updates: <https://manual.jointcommission.org/releases/TJC2021A1/>

Element Updates:

- Updates to Race response options
- New Initial NIHSS <6 element
- Post TICI Reperfusion label/ definition change
- Pre-Stroke Modified Rankin Scale minor text update
- Coding Instruction Updates:
 - Payment Source
 - Race
 - Hispanic Ethnicity
 - Pre-Stroke Modified Rankin Scale
 - Initial NIHSS <6
 - Post TICI Reperfusion Grade Date/ Time
- Code Table Updates

Measure Updates

- Reference added to all ASR measures, STK-OP-1, and select CSTK and STK measures
- CSTK Measure Updates: CSTK-03, CSTK-08, CSTK-09, CSTK-10, CSTK-11, CSTK-12

Below are the details of the updates:

Element Updates

• Updates to Race response options:

- Race response options updated on the Core Measures and Outpatient Tabs
- Values 4 and 5 will combine and become *Asian or Pacific Islander*
- Native Hawaiian or Pacific Islander will become a retired value (effective 01-01-2021).
- GWTG Race element on the Demographics tab will remain unchanged – form logic updated to appropriately set the Race field on the Core Measures tab

• New Initial NIHSS <6 element:

- New data element added to Comprehensive form group on the Admission Tab to support the denominator exclusion *Initial NIHSS Less than 6*.
- Element auto-populates based on response to *^What is the first NIHSS score obtained prior to or after hospital arrival?*
- Element is considered in CSTK-09 and CSTK-11.

• Post TICI Reperfusion Label change:

- The data element definition was updated to provide clarification.
- "2B/3" was removed from the label and definition.

Before:

After:

- **Pre-Stroke Modified Rankin Scale:**
 - Minor text change to response options from "A pre-stroke mRS of" to "A score value of"
- **Coding Instruction Updates to the following elements:**
 - Payment Source
 - Race
 - Hispanic Ethnicity
 - Pre-Stroke Modified Rankin Scale
 - Initial NIHSS <6
 - Post TICI Reperfusion Grade Date/ Time
- **Code Table Updates:**
 - Appendix A code tables were revised to reflect the ICD-10 code updates for Fiscal Year 2021, effective for discharges October 1, 2020.
 - Tables Revised: 7.03, 7.04, 8.2d, 8.2e, 8.2f, 10.01, 10.02, 11.09, 11.30, 11.37, 11.41, 11.52, 12.10, 13.1, 13.2, 14.07a
 - For CSTK-03: ICD-10 Diagnosis Codes for malignant brain neoplasms were added to Appendix A, Table 8.2f to exclude patients who have a cerebral hemorrhage due to a brain tumor from the CSTK-03 denominator population
 - Codes C710 – C719, C7931, C7932

Measure Updates

- **Measure Descriptions updated to include a new reference for:**
 - Reference added to all ASR measures, CSTK-01, CSTK-02, CSTK-05, CSTK-08, CSTK-09, CSTK-10, CSTK-11, CSTK-12, STK-1, STK-2, STK-3, STK-5, STK-6, and STK-10
 - Reference: Powers WJ, Rabinstein AA, Ackerson T, Adeoye OM, Bambakidis NC, Becker K, Biller J, et al. Guidelines for the Early Management of Patients with Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke. A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. Stroke. 2019 Dec;50(12): e344-e418.
- **CSTK Measure Updates:**

The below information is a summary of changes made to the CSTK measures. Be sure to review the TJC Specifications Manual for complete updates.

 - **CSTK-03:**
 - Excluded ICD-10 Diagnosis Codes updated

Patient Records Report for measure CSTK-03												
Severity Measurement Performed for SAH and ICH Patients (Overall Rate)												
Time Period: 11/01/2020 - 11/30/2020; Site: AHA Demo test- Stroke +CSTK +STK (94674)												
Patients Included: 0; Patients Excluded: 1												
Population P: 1												
Show filters This report shows all records. 1 of 1												
Patient ID	Included in Results?	In Numerator?	Measure Population	Admit Date	Date of Birth	Discharge Date and Time	Race	Hispanic Ethnicity	Gender	Payment Source - Medicare	ICD-10-CM Principal Diagnosis Code:	
uatcstk03	Excluded		P	11/01/2020	10/01/1960	11/05/2020 10:00	Black or African American	No/UTD	Male	Non-Medicare	C710	

- **CSTK-08:**
 - IA Route of Alteplase Administration element removed from denominator
 - Description and Rationale Statement updated
- **CSTK-09:**
 - Description and Rationale Statement updated
 - New element (Initial NIHSS Less Than 6) added to the denominator
 - Patients with an Initial NIHSS Less Than 6 added as an exclusion

Patient Records Report for measure CSTK-09
Arrival Time to Skin Puncture
Time Period: Nov 2020 - Nov 2020; Site: AHA Demo test- Stroke +CSTK +STK (94674)
Patients Included: 1; Patients Excluded: 2
Population B: 1; Population D: 1; Population P: 1

Show filters This report shows all records, 3 of 3

Patient ID	Included in Results?	Measure Value	Measure Population	Admit Date	Date of Birth	Discharge Date and Time	Race	Hispanic Ethnicity	Gender	Payment Source - Medicare	ICD-10-CM Principal Diagnosis Code:	ICD-10-PCS Principal Procedure Code:	Elective Carotid Intervention	Initial NIHSS score after hospital arrival less than 6	Hospital Arrival Date and Time	Delayed Endovascular Rescue Procedure	Skin Puncture
uatcstk9A	Included	120	D	11/10/2020	10/01/1960	11/20/2020 10:00	White	No/UTD	Male	Non-Medicare	I6300	03CG3ZZ	No	No	11/10/2020 10:00	No	Yes
uatcstk03	Excluded		P	11/01/2020	10/01/1960	11/05/2020 10:00	Black or African American	No/UTD	Male	Non-Medicare	C710		No		11/01/2020 10:00		
uatcstk9B	Excluded		B	11/10/2020	10/01/1950	11/14/2020 10:00	White	No/UTD	Male	Medicare	I6300	03CG3ZZ	No	Yes	11/10/2020 10:00	No	Yes

- IA Route of Alteplase Administration element removed from denominator

- **CSTK-10:**
 - Measure further stratified to include CSTK-10, CSTK-10a, CSTK-10b, CSTK-10c, and CSTK-10d
 - **New:** CSTK-10c – Ischemic stroke patients treated with mechanical endovascular reperfusion therapy with or without IV/IA alteplase therapy and have a mRS 0, 1, or 2 documented prior to the stroke; OR no mRS documented prior to the stroke
 - **New:** CSTK-10d – Ischemic stroke patients treated with mechanical endovascular reperfusion therapy with or without IV/IA alteplase therapy and have a mRS 3, 4, or 5 documented prior to the stroke

REPORT 1

GWTG Standard Measures:	Select Measure
GWTG Enhanced Version & Special Initiative Measures:	CSTK-10
GWTG Additional Patient Population Measures:	Comprehensive Stroke Center (CSTK) **CSTK Measure Set**
Historic Measures:	CSTK-01 CSTK-02 CSTK-03 CSTK-03a CSTK-03b CSTK-04 CSTK-05 CSTK-05a CSTK-05b CSTK-06 CSTK-07 CSTK-08 CSTK-09
Format:	
Compare to: (ctrl-click to select multiple)	CSTK-10 CSTK-10a CSTK-10b CSTK-10c CSTK-10d

FILTER OPTIONS SHOW

○ **CSTK-11:**

- Measure name change to Rate of Rapid Effective Reperfusion from Hospital Arrival (Previously called: Timeliness of Reperfusion: Arrival Time to TICI 2B or Higher)
- New element (Initial NIHSS Less Than 6) added to the denominator
- Patients with an Initial NIHSS Less Than 6 added as an exclusion

Patient Records Report for measure CSTK-11
Rate of Rapid Effective Reperfusion From Hospital Arrival
Time Period: Nov 2020 - Nov 2020; Sites: AHA Demo test- Stroke +CSTK +STK (94674)
Patients Included: 1; Patients Excluded: 2
Population B: 1; Population D: 1; Population P: 1

Show filters This report shows all records. 3 of 3

Patient ID	Included in Results?	In Numerator?	Measure Population	Admit Date	Date of Birth	Discharge Date and Time	Race	Hispanic Ethnicity	Gender	Payment Source - Medicare	ICD-10-CM Principal Diagnosis Code:	ICD-10-PCS Principal Procedure Code:	Elective Carotid Intervention	Initial NIHSS score after hospital arrival less than 6	Failed attempt at Thrombectomy	Delayed Endovascular Rescue Procedure	Site of Primary Vessel Occlusion	Hospital Arrival Date and Time	Date/time TICI grade 2b or 3	Post-Treatment Thrombolysis in Cerebral Infarction (TICI) Reperfusion Grade
uatcstk9A	Included	No	D	11/10/2020	10/01/1960	11/20/2020 10:00	White	No/UTD	Male	Non-Medicare	I6300	03CG3ZZ	No	No	No	No	Internal carotid artery (ICA)	11/10/2020 10:00	11/10/2020 12:40	1 - A TICI reperfusion grade greater than or equal to (>=) 2B was documented posttreatment
uatcstk03	Excluded		P	11/01/2020	10/01/1960	11/05/2020 10:00	Black or African American	No/UTD	Male	Non-Medicare	C710		No					11/01/2020 10:00		
uatcstk9B	Excluded		B	11/10/2020	10/01/1950	11/14/2020 10:00	White	No/UTD	Male	Medicare	I6300	03CG3ZZ	No	Yes	No	No	ICA terminus (T-lesion; T occlusion)	11/01/2020 10:00	11/10/2020 12:30	1 - A TICI reperfusion grade greater than or equal to (>=) 2B was documented posttreatment

○ **CSTK-12:**

- Measure name change to Rate of Rapid Effective Reperfusion From Skin Puncture (Previously called: Timeliness of Reperfusion: Skin Puncture to TICI 2B or Higher)