

Hospital Name: \_\_\_\_\_ Date: \_\_\_\_\_

### PSC - E Quarterly Data Submission Form and Instructions

A	B	C	D	E	F	G	H
QUARTER	CSTK - 1	CSTK - 2	CSTK - 5	CSTK-5a	CSTK-5b	CSTK - 8	CSTK - 9

#### Definitions:

**A = Quarter** – as per above formatting

**B = National Institute of Health Stroke Scale (NIHSS) Score Performed for Ischemic Stroke Patients;** provide numerator/denominator

- **Numerator** = Ischemic stroke patients for whom a NIHSS score is performed prior to any acute recanalization therapy in patients undergoing recanalization therapy and documented in the medical record, **OR** documented within 12 hours of hospital arrival for patients who do not undergo recanalization therapy
- **Denominator** = AIS patients excluding those <18 years of age, LOS >120 days, patients with comfort measures only by end of day 2, admission for elective carotid intervention, discharged within 12 hours of arrival at this hospital

**C = Modified Rankin Scale (mRS) Score at 90 days;** provide numerator/denominator

- **Numerator** = Ischemic stroke patients for whom a 90 day ( $\geq 75$  days and  $\leq 105$  days) mRS is obtained via telephone or in-person
- **Denominator** = Ischemic stroke patients treated with IV or IA alteplase therapy or who undergo mechanical endovascular reperfusion therapy excluding those <18 years of age, LOS >120 days, admission for elective carotid intervention, or death during admission

**D = Hemorrhagic Transformation (Overall Rate)** - The CSTK-05 measure is reported as an overall rate which includes ischemic stroke patients who develop a **symptomatic hemorrhage** after reperfusion therapy. CSTK-05a and CSTK-05b are subsets of the overall rate, and stratified by the type of therapy.

- **Numerator** = Ischemic stroke patients who develop a symptomatic intracranial hemorrhage  $\leq 36$  hours after the onset of treatment with IV alteplase therapy, or IA alteplase therapy, or mechanical endovascular reperfusion therapy
- **Denominator** = Ischemic stroke patients treated with IV alteplase therapy only (IVO) or IA alteplase therapy, or who undergo mechanical endovascular reperfusion therapy

excluding those <18 years of age, LOS >120 days, admission for elective carotid intervention, transferred to the hospital following recanalization therapy initiated prior to arrival at this hospital, and those who hemorrhage prior to the onset of treatment with recanalization therapy

**E = Hemorrhagic Transformation for Patients Treated with Intra-Venous (IV) Alteplase Therapy Only**

- **Numerator** = Ischemic stroke patients who develop a symptomatic intracranial hemorrhage  $\leq$  36 hours after the onset of treatment with IV alteplase therapy without receipt of IA alteplase therapy or mechanical endovascular reperfusion therapy
- **Denominator** = Ischemic stroke patients treated with IV alteplase therapy only excluding those <18 years of age, LOS >120 days, admission for elective carotid intervention, transferred to the hospital following recanalization therapy initiated prior to arrival at this hospital, and those who hemorrhage prior to the onset of treatment with recanalization therapy

**F = Hemorrhagic Transformation Patients Treated with Intra-arterial (IA) thrombolytic (t-PA) Therapy or Mechanical Endovascular Reperfusion Therapy**

- **Numerator** = Ischemic stroke patients who develop a symptomatic intracranial hemorrhage  $\leq$  36 hours after the onset of treatment with IA alteplase therapy or mechanical endovascular reperfusion therapy
- **Denominator** = Ischemic stroke patients treated with IA alteplase therapy or who undergo mechanical endovascular reperfusion therapy excluding those <18 years of age, LOS >120 days, admission for elective carotid intervention, transferred to the hospital following recanalization therapy initiated prior to arrival at this hospital, and those who hemorrhage prior to the onset of treatment with recanalization therapy

**G = Thrombolysis in Cerebral Infarction (TICI) Post-Treatment Reperfusion Grade**

- **Numerator** = Ischemic stroke patients with a post-treatment reperfusion grade of TICI 2B or higher
- **Denominator** = Ischemic stroke patients treated with IA alteplase therapy and/or mechanical endovascular reperfusion therapy, excluding those <18 years of age, LOS >120 days, or admission for elective carotid intervention

**H = Arrival Time to Skin Puncture**

- Median time (in minutes) from hospital arrival to skin puncture in patients with acute ischemic stroke who undergo endovascular treatment after excluding those <18 years of age, LOS >120 days, admission for elective carotid intervention, and those who have delayed endovascular rescue procedure >8 hours after hospital arrival