

Stroke Core Performance Measures
Sanford Medical Center Fargo
Annual summaries for 2022 through 2024 YTD

Updated: 12/2024

Rates		Measure Description	Year	Rate	(Num/Den)
STK-1	VTE Prophylaxis	Ischemic and hemorrhagic stroke patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission.	2022	91%	267/292
			2023	84%	246/293
			2024	89%	259/291
STK-2	D/C on Antithrombotic Therapy	Ischemic stroke patients prescribed antithrombotic therapy at discharge (e.g., warfarin, aspirin, other antiplatelet drug).	2022	100%	175/175
			2023	100%	167/167
			2024	100%	167/167
STK-3	Anticoagulation Therapy Atrial Fib	Ischemic stroke patients with atrial fibrillation/flutter who are prescribed anticoagulation therapy at hospital discharge.	2022	100%	36/36
			2023	96%	22/23
			2024	96%	24/25
STK-4	Thrombolytic Therapy	Acute ischemic stroke patients who arrive at this hospital within 2 hours of time last known well and for whom IV t-PA was initiated at this hospital within 3 hours of time last known well.	2022	100%	11/11
			2023	100%	6/6
			2024	100%	6/6
STK-5	Antithrombotic Therapy by the end of hospital day 2	Ischemic stroke patients who receive antithrombotic therapy by the end of hospital day 2.	2022	98%	117/120
			2023	99%	141/143
			2024	99%	132/134
STK-6	Discharge on Statin Medication	Ischemic stroke patients who are prescribed statin medication at hospital discharge.	2022	98%	163/166
			2023	99%	170/171
			2024	100%	165/165
STK-8	Stroke Education	Ischemic or hemorrhagic stroke patients or their caregivers who were given educational materials during their hospital stay addressing stroke.	2022	90%	127/141
			2021	86%	132/152
			2020	94%	140/149
STK-10	Assessed for Rehab	Ischemic or hemorrhagic stroke patients who were assessed for rehabilitation services.	2022	99%	272/274
			2023	100%	288/288
			2024	100%	281/282

TJC Comprehensive Stroke Performance Measures
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CSTK-1	NIHSS Score Performed for Ischemic Stroke Patients	Ischemic stroke patients for whom an initial NIH Stroke Scale score is performed prior to any acute recanalization therapy or within 12 hours of emergency department arrival.	2022	94%	251/266
			2023	93%	260/279
			2024	93%	246/264
CSTK-3	Severity Measurement Performed for SAH and ICH Patients - Overall	SAH and ICH patients for whom a severity measurement (Hunt and Hess or ICH Score) is performed prior to surgical intervention or within 6 hours of emergency department arrival.	2022	93%	79/85
			2023	90%	66/73
			2024	93%	85/91
CSTK-4	Procoagulant Reversal Agent Initiation for ICH	ICH patients with an INR > 1.4 at hospital arrival who are treated with a procoagulant reversal agent.	2022	100%	8/8
			2023	100%	5/5
			2024	80%	4/5
CSTK-5	Hemorrhagic Transformation - Overall	Ischemic stroke patients who develop symptomatic intracranial hemorrhage within 36 hours after treatment with IV t-PA or thrombectomy.	2022	16%	14/89
			2023	16%	17/104
			2024	12%	11/90
CSTK-6	Nimodipine Treatment Administered	SAH patients for whom nimodipine treatment was administered within 24 hours of arrival at this hospital.	2022	95%	42/44
			2023	96%	43/45
			2024	100%	39/39
CSTK-8	TICI Post-Treatment Reperfusion Grade	Ischemic stroke patients with a posttreatment reperfusion grade of TICI 2B or higher after thrombectomy.	2022	96%	64/67
			2023	87%	69/79
			2024	93%	62/67

Rates		Year	Median	# Cases
Continuous Measures:				
CSTK-9	Arrival Time to Skin Puncture			
		2022	53	59
		2023	43.5	68
		2024	56	56

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CSTK-10	Modified Rankin Score (mRS) at 90 Days: Favorable Outcome (Overall)	Patients who received IV t-PA and/or mechanical endovascular reperfusion and have a modified Rankin Scale 2 at 90 days.	2022	43%	33/76
			2023	35%	35/100
			2024	33%	16/48
CSTK-11	Timeliness of Reperfusion: Arrival Time to TICI 2B or Higher	Patients with an LVO received mechanical endovascular reperfusion within 120 minutes of arrival and have a TICI 2B or higher.	2022	91%	51/56
			2023	76%	45/59
			2024	87%	45/52
CSTK-12	Timeliness of Reperfusion: Skin Puncture to TICI 2B or Higher	Patients with an LVO received mechanical endovascular reperfusion and a TICI 2B or higher within 60 minute of skin puncture.	2022	84%	51/61
			2023	78%	50/64
			2024	92%	55/60