

**CDC Paul Coverdell National Acute Stroke Registry  
Stroke Performance Measures 2011**

**1. Venous Thromboembolism (VTE) Prophylaxis**

Patients with an ischemic stroke or a hemorrhagic stroke who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission.

**2. Discharged on Antithrombotic Therapy**

Patients with an ischemic stroke prescribed antithrombotic therapy at discharge.

**3. Patients with Atrial Fibrillation/Flutter Receiving Anticoagulation Therapy**

Patients with an ischemic stroke with atrial fibrillation/flutter discharged on anticoagulation therapy.

**4. Thrombolytic Therapy Administered**

Acute ischemic stroke patients who arrive at the hospital within 120 minutes (2 hours) of time last known well and for whom IV tPA was initiated at this hospital within 180 minutes (3 hours) of time last known well.

**5. Antithrombotic Therapy by End of Hospital Day Two**

Patients with ischemic stroke who receive antithrombotic therapy by the end of hospital day two.

**6. Discharged on Statin Medication**

Ischemic stroke patients with LDL > 100, or LDL not measured, or, who were on cholesterol reducing therapy prior to hospitalization are discharged on statin medication.

**7. Dysphagia Screening**

Patients with ischemic or hemorrhagic stroke who undergo screening for dysphagia with an evidence-based bedside testing protocol before being given any food, fluids, or medication by mouth.

**8. Stroke Education**

Patients with ischemic or hemorrhagic stroke or their caregivers who were given educational materials during the hospital stay addressing **all** of the following: risk factors for stroke, warning signs for stroke, activation of emergency medical system, need for follow-up after discharge, and medications prescribed at discharge.

**9. Smoking Cessation/Advice/Counseling**

Patients with ischemic or hemorrhagic stroke with a history of smoking cigarettes, who are, or whose caregivers are, given smoking cessation advice or counseling during hospital stay.

**10. Assessed for Rehabilitation**

Patients with an ischemic stroke or hemorrhagic stroke who were assessed for rehabilitation services.

**The CDC Paul Coverdell National Acute Stroke Registry (PCNASR) Stroke Performance Measure Set.** The PCNASR Stroke Performance Measure Set is applicable to patients with diagnoses of ischemic stroke, and hemorrhagic stroke, and transient ischemic attack (TIA). The final clinical diagnosis is used to identify the measure population used for each performance measure. Measures may include patients from more than one category of stroke. For MSR quality improvement analyses, the measures are calculated and reported separately for TIA patients. That is, we generally will separate and report results on TIA patients from stroke patients for measures 2, 3, 5, 6, 8, and 9. The measure algorithms are identical for stroke patients and TIA patients.

The following table identifies the populations included in each measure:

Measure Number	Measure Name	Ischemic Stroke	TIA	Hemorrhagic Stroke	Ill-Defined Stroke
1	VTE prophylaxis	X		X	X
2	Discharged on antithrombotic therapy	X	X		
3	Anticoagulation for atrial fibrillation	X	X		
4	Thrombolytic therapy administered	X			
5	Antithrombotic therapy by end of day 2	X	X		
6	Discharged on statin medication	X	X		
7	Dysphagia screening	X		X	X
8	Stroke education	X	X	X	X
9	Smoking cessation counseling	X	X	X	X
10	Assessed for rehabilitation	X		X	X

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[www.mnstrokeregistry.org](http://www.mnstrokeregistry.org)