

Quality Data – Stroke Quality Measures

Percent of patients who receive care in accordance with national guidelines:	Milton S. Hershey Medical Center	All Comprehensive Certified Stroke Centers	All Pennsylvania Hospitals
<p>Treatment to prevent deep vein thrombosis for those who are on bedrest by the second day in hospital.</p> <p><i>Patients with prolonged inactivity are at risk for developing blood clots, which could lead to another stroke.</i></p>	97.9%	96.8%	96.1%
<p>Antithrombotic medication prescribed at discharge for those with ischemic stroke.</p> <p><i>These medications prevent blood clots, which could lead to another stroke.</i></p>	100%	99.7%	99.9%
<p>Anticoagulation medication at discharge for those with ischemic stroke and atrial fibrillation.</p> <p><i>In atrial fibrillation, your heart doesn't contract fully. Blood can pool and form clots. Anticoagulation medications prevent clot formation.</i></p>	94.4%	98.1%	98.0%
<p>Intravenous clot buster (TNK) is given within 60 minutes to those who arrive at the hospital within two hours of when symptoms began.</p> <p><i>The sooner you received the clot-busting drug, the better your chances for recovery. The clot-buster, TNK, must be delivered within three hours of when symptoms began.</i></p>	100%	93.5%	91.2%
<p>Antithrombotic medication by the end of hospital day two for those with an ischemic stroke.</p> <p><i>These medications prevent blood clots, which could lead to another stroke.</i></p>	95.5%	97.4%	97.5%
<p>Cholesterol reducing medications (statins) at discharge for those with high or unknown cholesterol levels, or those who were on a cholesterol-lowering drug prior to admission.</p> <p><i>High cholesterol levels raise your risk for stroke.</i></p>	100%	99.0%	99.5%
<p>Education about warning signs, calling 911, and risk factors for stroke.</p> <p><i>Knowing the warning signs and calling 911 help you to receive prompt medical attention. Knowing your risk factors will help you to take action to prevent another stroke.</i></p>	100%	96.8%	97.4%
<p>Rehabilitation services assessment completed.</p> <p><i>Rehabilitation can help recovery of speech and motor function.</i></p>	100%	99.4%	99.0%

Quality Data – Comprehensive Stroke Center Measures

Quality measures for hospitals certified as Comprehensive Stroke Centers

Percent of patients who receive care in accordance with national guidelines:	Milton S. Hershey Medical Center	All Comprehensive Certified Stroke Centers	All Pennsylvania Hospitals
Documented NIHSS score <i>National Institute of Health Stroke Severity (NIHSS) score is a measure of deficits.</i>	91.3%	92.1%	90.8%
Favorable mRS at 90 days <i>Modified Rankin Score (mRS) is a measure of functional independence.</i>	48.6%	45.1%	44.5%
Documented SAH and ICH scores <i>Subarachnoid Hemorrhage (SAH) and Intracerebral Hemorrhage (ICH) scores are measures of severity of stroke.</i>	47.8%	79.2%	71.2%
Procoagulant reversal agent administered <i>ICH patients on anticoagulants who receive reversal medication.</i>	100%	91.4%	93.8%
Hemorrhagic transformation <i>Stroke patients who develop an intracranial hemorrhage after TNK or endovascular clot retrieval. Goal is 0%.</i>	5.0%	4.8%	5.8%
Nimodipine treatment <i>SAH patients who received nimodipine for vasospasm prevention.</i>	100%	91.7%	90.6%
Post-treatment reperfusion grade <i>Reperfusion grade indicates success of re-opening the cerebral artery.</i>	88.0%	89.9%	87.0%
Timeliness of Reperfusion <i>Arrival time to achieving successful re-opening of the cerebral artery.</i>	80.0%	74.8%	71.8%