

# Stroke Quality Measures

WellSpan York Hospital - Calendar Year 2016



## Did you know?

- Stroke is the fifth cause of death and the number one cause of adult disability in the U.S.
- Seeking care immediately when you or a family member experience the signs and symptoms of stroke may help prevent disability or death.
- Making changes to lifestyle behaviors like quitting smoking or improving diet and exercise may prevent stroke.
- Even after a stroke, there are medications your doctor will prescribe to reduce the risk of another stroke.

The following are a few of the standards of stroke care that hospitals measure.

MEASURE	What is this?	Why is this important	WellSpan York Hospital Results
<b>Discharged on Antithrombotic Therapy</b> - examples include Aspirin, Aggrenox, Plavix or Coumadin	An antithrombotic agent is a drug that reduces the formation of blood clots (thrombi).	After you have a stroke your risk for recurrence of stroke is increased. These medications act as a blood thinner and may help prevent complications like another stroke.	99.1%
<b>Anticoagulation Therapy for Atrial Fibrillation/Flutter</b> - Atrial fibrillation is when your heart doesn't fully contract, blood can pool and form clots.	Anticoagulants are medications that prevent the blood from clotting as quickly or as effectively as normal. Some people call anticoagulants blood thinners. However, the blood is not actually made any thinner- it just does not clot so easily when you take an anticoagulant.	Anticoagulant medications have been shown to reduce stroke recurrence.	98.1%
<b>Discharged on a Statin Medication</b> - High cholesterol levels raise your risk of stroke.	Statins are a type of cholesterol reducing medication.	Statin medications reduce the risk of another stroke.	96.5%
<b>Mortality</b> - Stroke is the fifth leading cause of death in the U.S.	The percent of people who died after having a stroke. Stroke mortality is measured by looking at the percent of people who died compared with the percent of people who are predicted by research to die after a stroke based upon risk factors and severity of the stroke.	Recognizing the signs and symptoms of stroke and calling 911 for immediate care decreases the chance of dying from stroke.	5.05% died compared to a predicted rate of 5%
<b>Stroke Volume</b>	The number of patients cared for at WellSpan York Hospital who have been diagnosed with ischemic stroke, TIA, subarachnoid hemorrhage within the past year.	By monitoring the number of stroke cases, WellSpan York Hospital can assure that resources are available to treat patients.	994 patients

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<b>Percent of patients who receive IV Tissue Plasminogen Activator (tPA) within 60 minutes of arrival to hospital</b> - tissue plasminogen activator (tPA or Alteplase) is a “clot busting” medication administered intravenously to break up a clot that is causing the stroke.	The goal is to administer the clot-busting medication within 60 minutes of arrival to the hospital, 100% of the time, as appropriate.	The sooner the clot-busting medication is delivered, the better your chances for recovery.	70.0%
<b>Tissue Plasminogen Activator (tPA) rate of administration</b> - In order to be eligible to receive tissue plasminogen activator (tPA), or Alteplase, patients must arrive within 3 hours of when the stroke symptoms begin, and have no contraindications for the medication (may be able to extend to 4.5 hours in certain circumstances).	The percent of patients who receive tissue plasminogen activator.	Administration of tissue plasminogen activator reduces disability from acute ischemic stroke. As this score is low, we know that our patients, patient families and our communities will benefit from education that we plan to provide, regarding the symptoms of stroke, and how important it is to seek care immediately if you think you are having a stroke.	12.4%
<b>Percent of Patients who present within 3 hours of stroke symptom onset</b> -Time is crucial to treating stroke. Many patients delay coming to the emergency department because they believe the symptoms will go away on their own.	The percent of patients who arrive to the hospital in time to be evaluated for treatment with tissue plasminogen activator.	Understanding that stroke is treatable and preventable is key to encouraging patients to seek immediate care at the emergency department with the onset of stroke symptoms- As this score is low, we know that our patients, patient families and our communities will benefit from education that we plan to provide, regarding the symptoms of stroke, and how important it is to seek care immediately if you think you are having a stroke.	32.0%
<b>Percent of patients who do not show signs and symptoms of stroke and had good outcomes after a carotid stenting procedure</b> (higher numbers are better)	A carotid stenting procedure is a noninvasive procedure to open a severely narrowed carotid artery. This procedure can improve blood flow to the brain and reduce your risk of stroke.	As with any procedure, there are risks and benefits that should be evaluated by you and your healthcare provider. The odds are better when the procedure is performed by a skilled doctor who has a lot of experience.	100% (national rate 97%)
<b>Percent of patients with signs and symptoms of stroke and had good outcomes after a carotid stenting procedure</b> (higher numbers are better)	A carotid stenting procedure is a noninvasive procedure to open a severely narrowed carotid artery. This procedure can improve blood flow to the brain and reduce your risk of another TIA or stroke.	As with any procedure, there are risks and benefits that should be evaluated by you and your healthcare provider. The odds are better when the procedure is performed by a skilled doctor who has a lot of experience.	97.4% (national rate 94%)

