

# St. George Hospital Stroke Center Outcomes Report

## (Calendar Year 2023)

St. George Regional Hospital monitors outcomes for patients who undergo an emergency surgical procedure for stroke called a mechanical thrombectomy.

This surgical procedure removes a blood clot from a large blood vessel in the brain to restore blood flow to the brain tissue. For 2023, St. George Regional Hospital performed approximately 51 emergent mechanical thrombectomy procedures and 96% of those cases had a meaningful improvement in blood flow to their brain.

The report below shows the percentage of patients for specific outcomes compared to Utah hospitals and hospitals nationally:

Performance Measure	St. George Regional Hospital	All UT Hospitals	All National Hospitals
<b>TICI* reperfusion grade of 2B or higher</b> Ischemic stroke patients who had a meaningful improvement of blood flow to their brain after undergoing a surgical procedure	93%	84%	87%
<b>Discharged to Home</b> Ischemic stroke patients who were able to discharge to home after undergoing a surgical procedure	38%	30%	30%
<b>Hemorrhagic transformation after Intra-arterial Thrombolytics or Mechanical Thrombectomy</b> Ischemic stroke patients who develop significant bleeding in the brain within 36 hours after undergoing a surgical procedure (lower number is better)	0%	6%	6%

This information is based on data retrieved from American Heart Association's Get With The Guidelines® –Stroke. (Stroke measures: AHASTR128, AHASTR108, CSTK-05B)

\*Thrombolysis in cerebral infarction (TICI) scale is a score used to grade brain tissue revascularization