

## BANNER UNIVERSITY MEDICAL CENTER TUCSON

### Stroke Center Quality and Outcomes

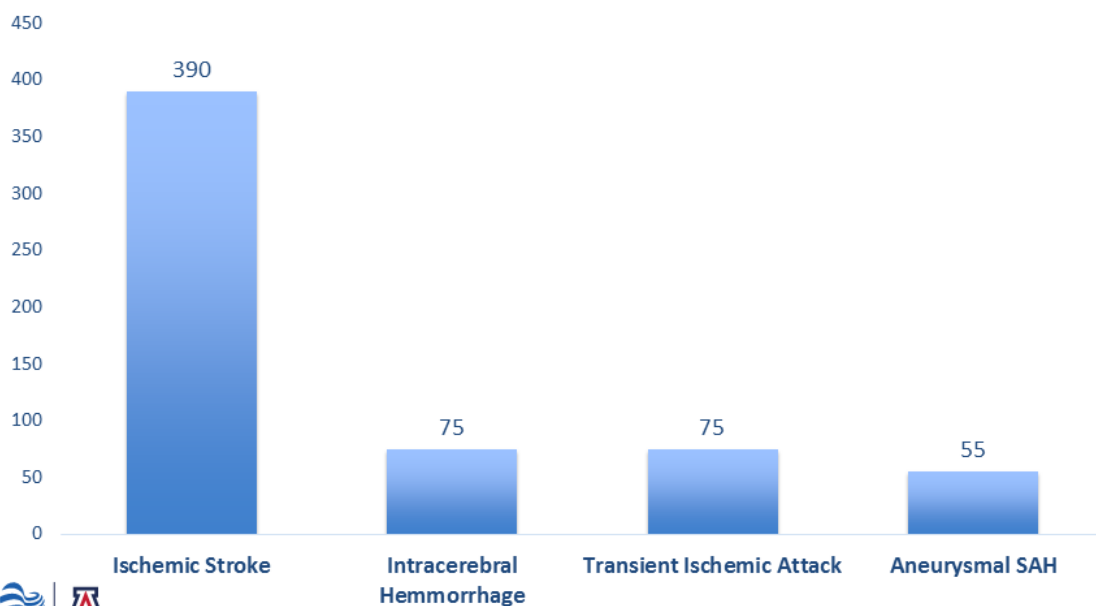
#### Overview

As a Joint Commission certified Stroke Center and as part of our academic mission, BUMCT is continuously engaged in quality improvement efforts. We collect data on various outcome measures, analyze our results, and work continuously as a multidisciplinary team to ensure the best outcomes for our patients.

#### Stroke Patient Volume

The chart below shows the average annual number of patients we care for based on their type of stroke or final diagnosis. The majority of our patients have an ischemic stroke or transient ischemic attack due to blockage of a blood vessel in the brain. The rest of our patients have bleeding into the brain (Intracerebral Hemorrhage), or bleeding around the brain (Subarachnoid Hemorrhage).

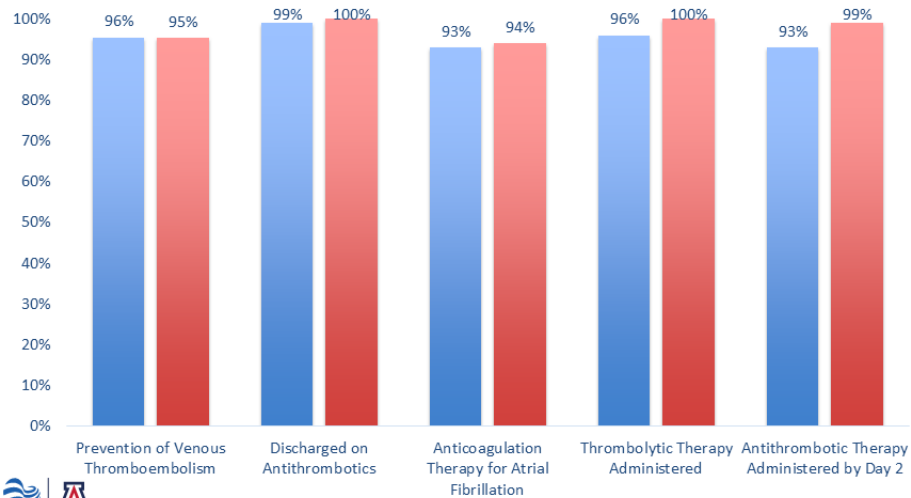
### ***BUMCT AVERAGE STROKE ANNUAL VOLUME: ALL PATIENTS SEEN***



## Stroke Performance and Quality Measure Outcomes

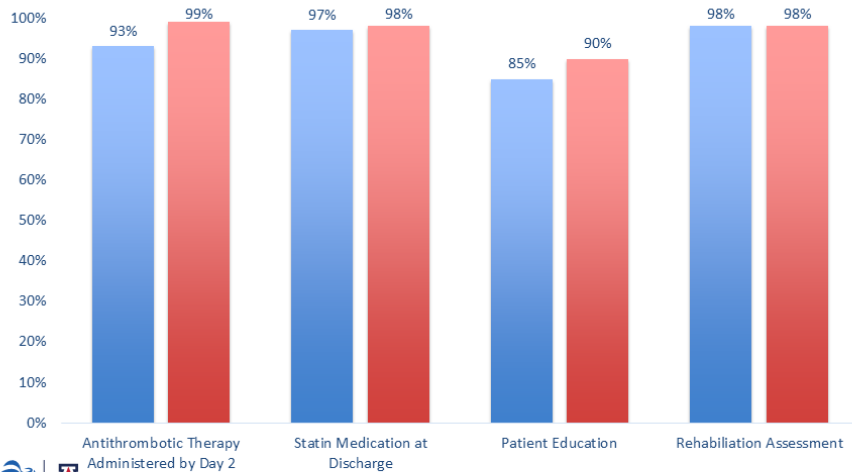
The charts below show the percent of patients who received the highest level of stroke care based on standardized outcome and care measures defined by the Joint Commission. Blue is data from 2018, red 2019.

### BUMCT 2018 STROKE CORE PERFORMANCE MEASURE OUTCOMES



Banner University Medicine

### BUMCT 2018 STROKE CORE PERFORMANCE MEASURE OUTCOMES

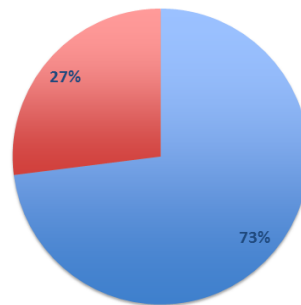


Banner University Medicine

## Acute Stroke Treatments

The BUMCT Stroke Center provides acute stroke treatments to eligible patients 24 hours a day, 7 days a week including intravenous alteplase (clot dissolving medication) and thrombectomy (clot retrieval). In a thrombectomy procedure, the physician threads a catheter up to the blocked blood vessel in the brain and then uses a device to pull out the clot. The extent to which the artery has improved blood flow is measure by the TICl score. In 2019, 73% of patients undergoing a thrombectomy procedure had good restoration of blood flow with vessel opening.

### ***BUMCT THROMBECTOMY DATA 2019***



■ TICl 2b or 3 ■ < TICl 2b

## Other Stroke Procedures and Surgeries

The table below show our complication rates for other procedures and surgeries that our stroke patients may undergo.

### ***BUMCT STROKE PROCEDURE AND INTERVENTION OUTCOMES***

Procedure	Number of Patients	Percent with Complications
Diagnostic Angiography	131	0.8%
Symptomatic Endarterectomy	42	2.4%
Asymptomatic Endarterectomy	19	0%

2018 and 2019 YTD

