

UAB MEDICINE

Stroke/Neurovascular Outcomes Report

UAB 2023 Stroke Quality Measures

(Source: American Heart Association's "Get With The Guidelines– Stroke")

Quality Metric	Description	Score
VTE Prophylaxis	Percentage of patients with an ischemic stroke, hemorrhagic stroke, or stroke otherwise unspecified who receive VTE prophylaxis the day of or the day after hospital admission.	95%
Antithrombotics	Percentage of patients with an ischemic stroke or TIA prescribed antithrombotic therapy at discharge	100%
Anticoagulation for Afib/Aflutter	Percentage of patients with an ischemic stroke or TIA with atrial fibrillation/flutter discharged on anticoagulation therapy	100%
IV Alteplase Arrive by 2 Hour, Treat by 3 Hour	Percentage of acute ischemic stroke patients who arrive at the hospital within 120 minutes (2 hours) of time last known well for whom IV thrombolytic was initiated at this hospital within 180 minutes (3 hours) of time last known well	100%
Early Antithrombotics	Percentage of patients with ischemic stroke or TIA who receive antithrombotic therapy by the end of hospital day two	98%
Intensive Statin Therapy	Percentage of ischemic stroke and TIA patients who are prescribed high-intensity statin therapy at discharge, OR, if >75 years of age, are prescribed at least moderate-intensity statin therapy at discharge	99%
Stroke Education	Percentage of patients with stroke or TIA (or their caregivers) who were given education and/or educational materials during the hospital stay addressing ALL of the following: personal risk factors for stroke, warning signs for stroke, activation of emergency medical system, need for follow-up after discharge, and medications prescribed	99%
Rehabilitation Considered	Percentage of patients with stroke who were assessed for rehabilitation services.	100%
NIHSS Stroke Scale	Percentage of patients with ischemic stroke and stroke not otherwise specified with a score reported for NIH Stroke Scale (Initial)	99%
Smoking Cessation	Percentage of patients with ischemic or hemorrhagic stroke, or TIA with a history of smoking cigarettes, who are (or whose caregivers are) given smoking cessation advice or counseling during hospital stay	100%
Dysphagia Screening	Percentage of stroke patients who undergo screening for dysphagia with an evidence-based bedside testing protocol approved by the hospital before being given any food, fluids, or medication by mouth	92%
IV Alteplase Arrive by 3.5 Hour, Treat by 4.5 Hour	Percentage of acute ischemic stroke patients who arrive at the hospital within 210 minutes (3.5 hours) of time last known well and for whom IV thrombolytic was initiated at this hospital within 270 minutes (4.5 hours) of time last known well.	98%
Procoagulant Reversal	Procoagulant reversal agent initiation for intracerebral hemorrhage (ICH)	100%

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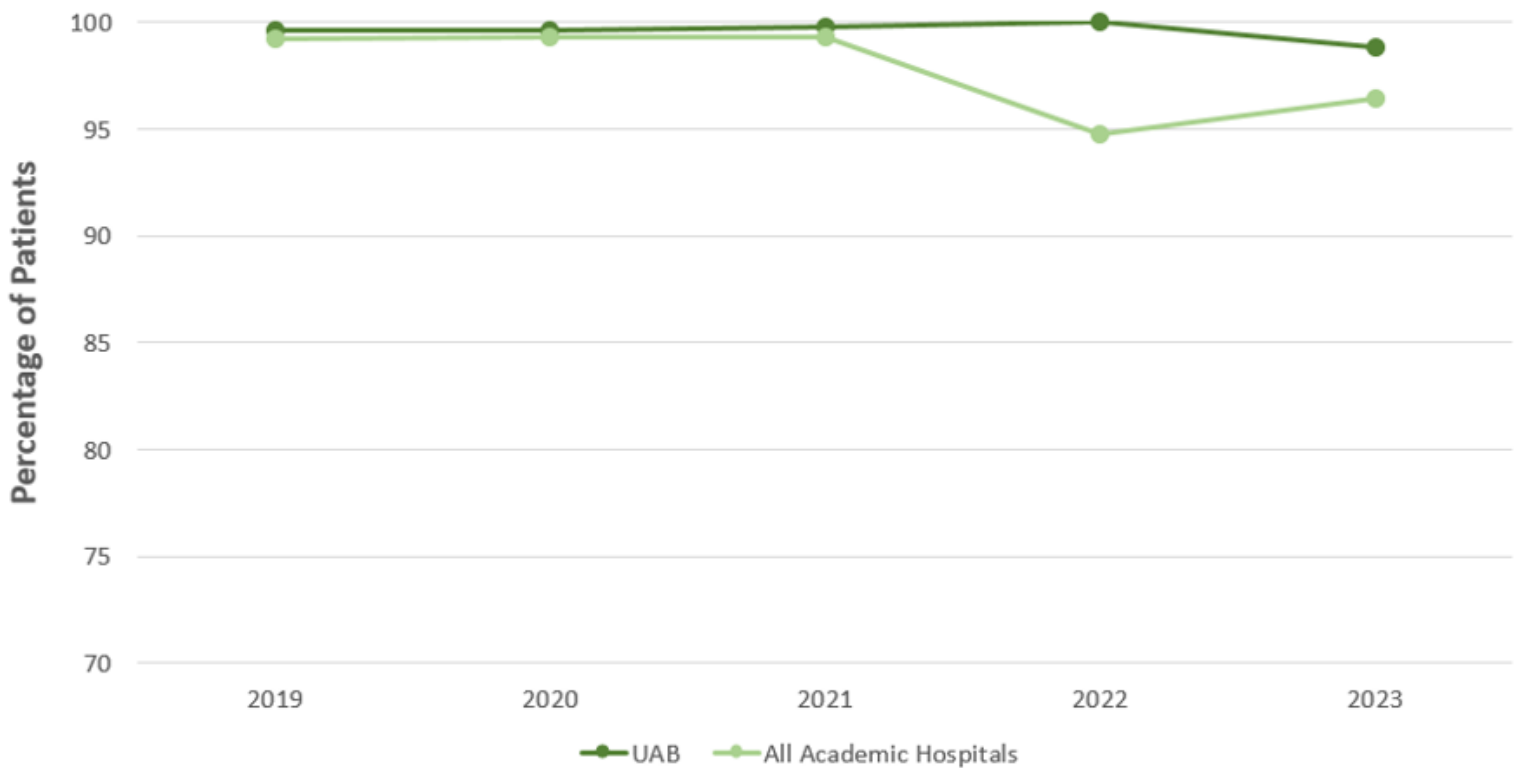
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Rehabilitation Considered

Percent of patients with Stroke who were assessed for rehabilitation services.

Time Period: 2019 – 2023

(Source: Get With The Guidelines)



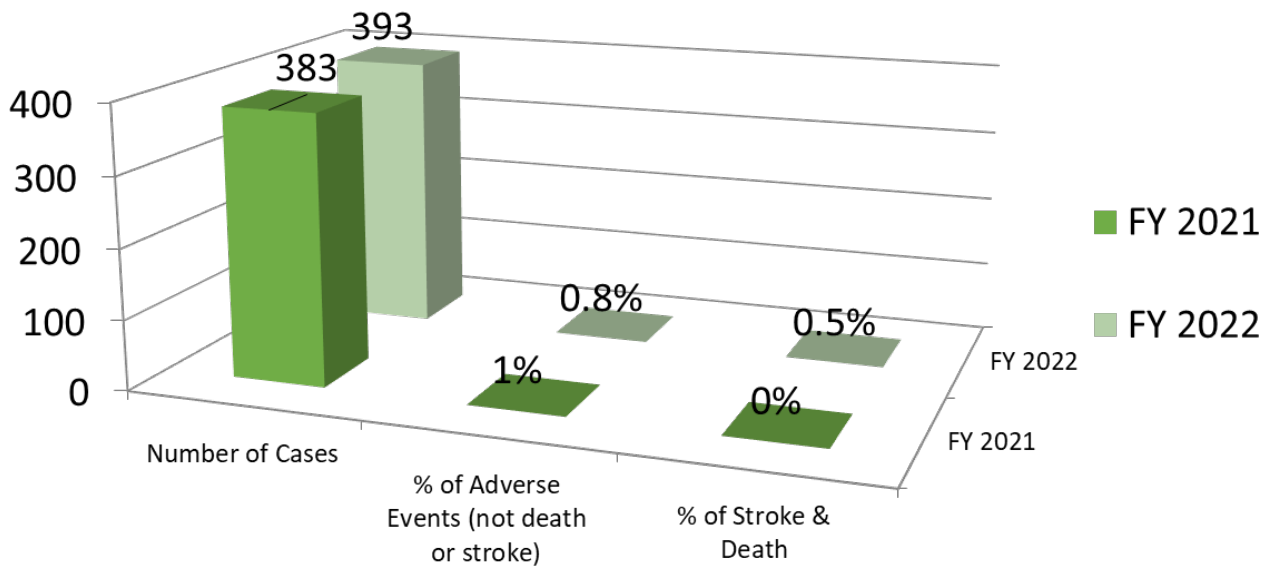
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Diagnostic Cerebral Angiography : Stroke and Death/Adverse Events within 24 hours

(Source: University Health System Consortium (Vizient) and departmental data)

Aggregate Neurosurgery & Vascular Surgery
FY 2021-2022

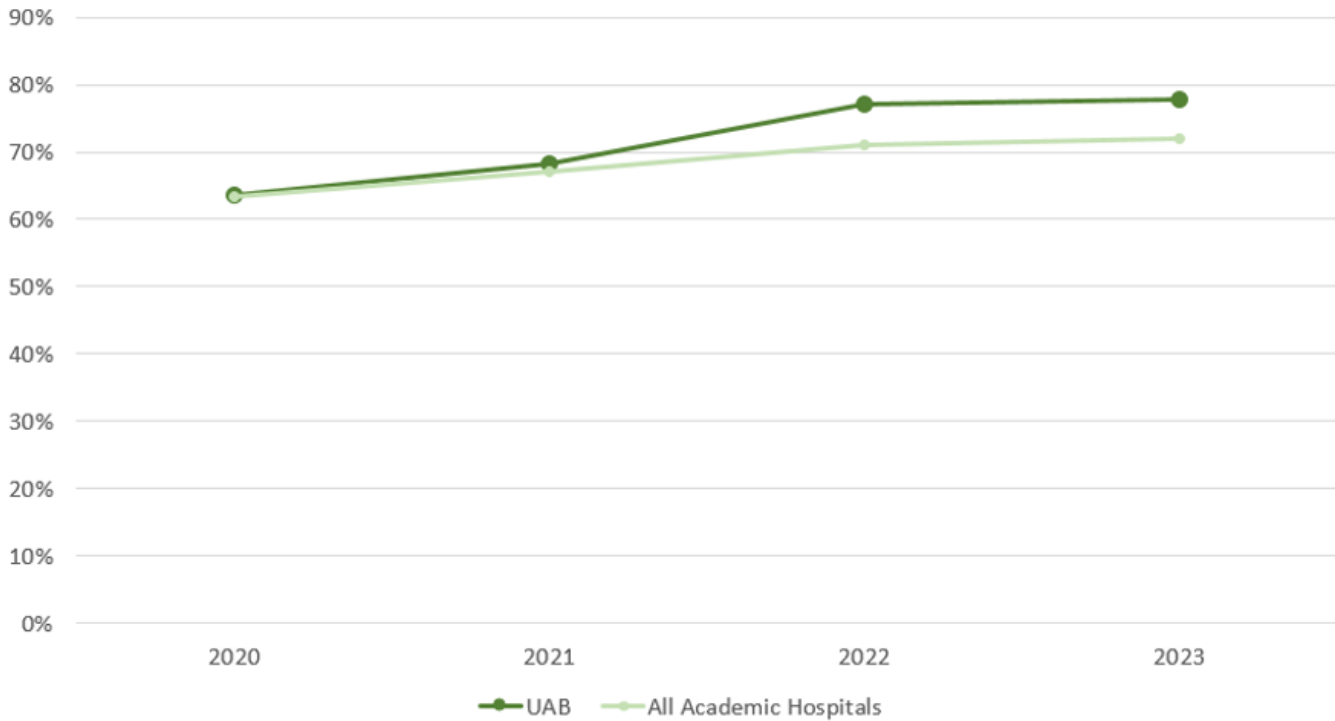


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Rate of Rapid Effective Reperfusion From Hospital Arrival

Ischemic stroke patients with a large vessel cerebral occlusion who receive mechanical endovascular reperfusion (MER) therapy within 120 minutes (≥ 0 min. and ≤ 150 min.) of hospital arrival and achieve TIC1 2B or higher at the end of treatment.



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Stroke Education

Percent of patients with Stroke or TIA or their caregivers who were given education and/or educational materials during the hospital stay addressing ALL of the following: personal risk factors for stroke, warning signs for stroke, activation of emergency medical system, need for follow-up after discharge, medications prescribed at discharge, risk factors for stroke, and warning signs and symptoms of stroke.

