

WellStar Kennestone Regional Medical Center Comprehensive Stroke Center

2025 Interventions and Outcomes

Wellstar Kennestone's Comprehensive Stroke Program

“Wellstar is deeply committed to advancing research, innovation, and science for stroke and neurocritical care, while still providing personalized treatment to each patient.”

- Dr. Rishi Gupta, Co-Chief of Neuro Care & Director of Cerebrovascular Program

Wellstar Kennestone's Comprehensive Stroke Center

Wellstar Kennestone Regional Medical Center is a **Joint Commission Advanced Certified** Comprehensive Stroke Center (CSC) since 2015.

We provide the following:

- ✓ **24/7 state of the art stroke care**
- ✓ Cerebrovascular Endovascular Neurosurgeons
- ✓ Neuro Interventionalist
- ✓ Vascular Neurologist
- ✓ Accepting Center for Stroke transfers
- ✓ Neuro Intensivist
- ✓ Brain Reperfusion therapies (i.e., Thrombectomy, IV Thrombolytics)
- ✓ Designated Neuro Units to include a Neuro Intensive Care Unit
- ✓ Research Participation
- ✓ Acute Care Rehab Services
- ✓ Inpatient Rehabilitation Unit
- ✓ 24/7 MRI with staff Neuro Radiologist
- ✓ Vascular Surgery
- ✓ Trending of performance measures and performance improvement initiatives to improve patient care
- ✓ Community Outreach

Wellstar Kennestone Quality

Wellstar Kennestone's Comprehensive Stroke Center has received the highest award possible from the American Heart/Stroke Association **for 9 consecutive years.**



Wellstar Kennestone Quality



WellStar Kennestone Hospital

Marietta, GA

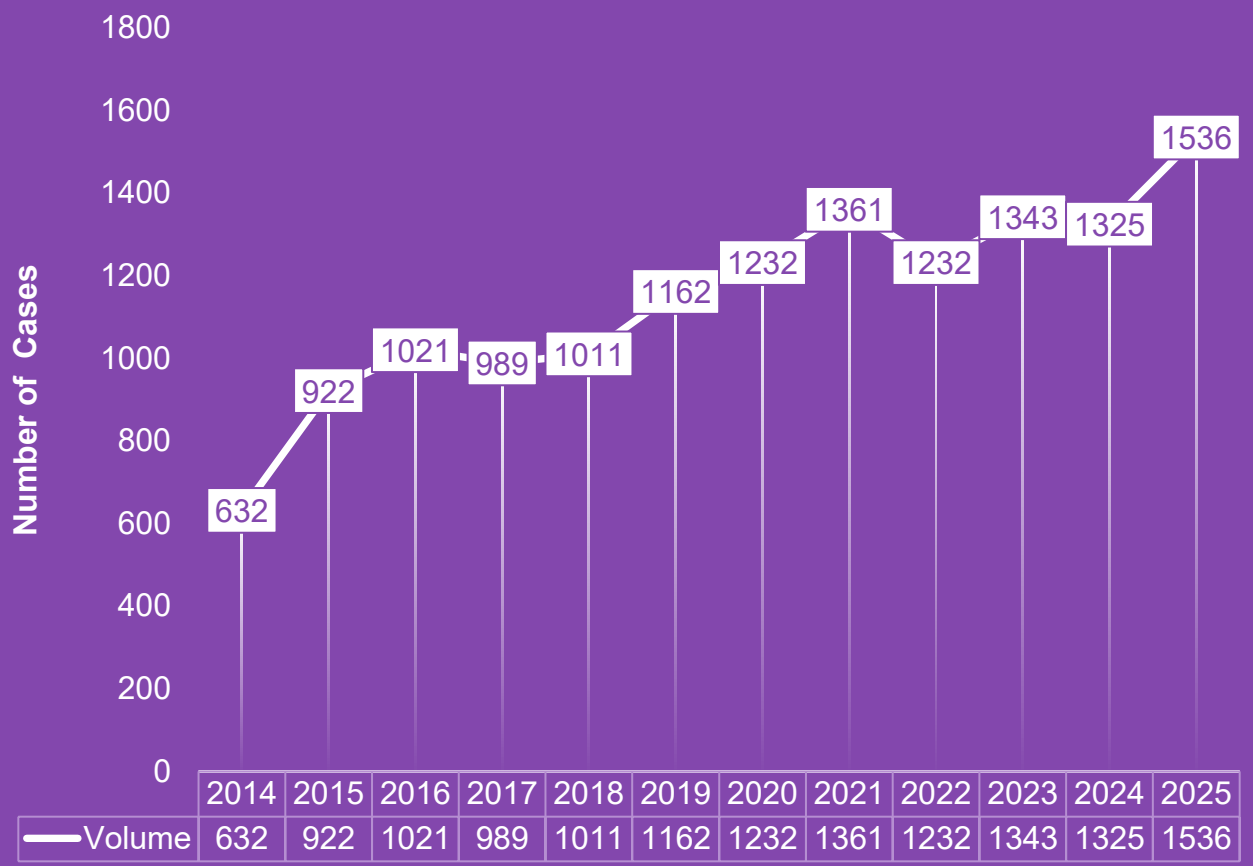
High Performing in Stroke

US News and World Report scored our program as **Excellent** for the following *Patient Outcomes*:

- ✓ Survival
- ✓ Timely Treatment
- ✓ Patients Discharged to Home
- ✓ Patients Recover at Home

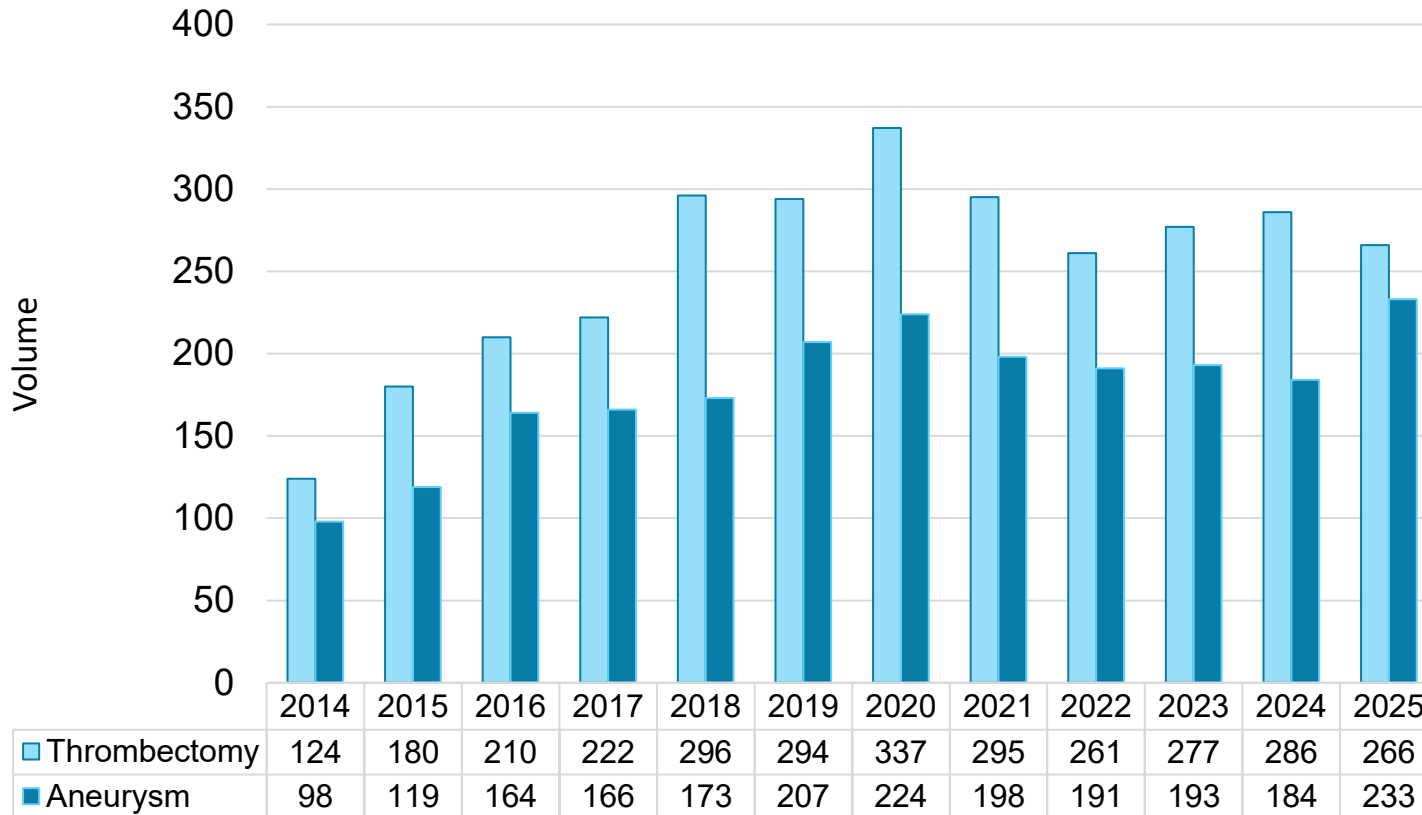
Number of Patients: Very High

Wellstar Kennestone Neurovascular Diagnostic & Intervention Cases



- As a Joint Commission Advanced Certified Comprehensive Stroke Center, WellStar Kennestone’s annual case volumes for neurovascular interventions and diagnostics has exceeded **1000** cases each year since 2015.
- **Interventions performed include:**
 - **Cerebral Angiograms**
 - **Cerebrovascular Stenting including Intracranial Stenting**
 - **Carotid Angioplasty**
 - **Treatment of Ruptured and Unruptured Cerebral Aneurysms**
 - **Thrombectomy for Ischemic Strokes**
 - **Carotid Endarterectomy**
 - **TransCarotid Artery Revascularization**

WS Kennestone Endovascular Treatments: Thrombectomy & Aneurysm Volumes



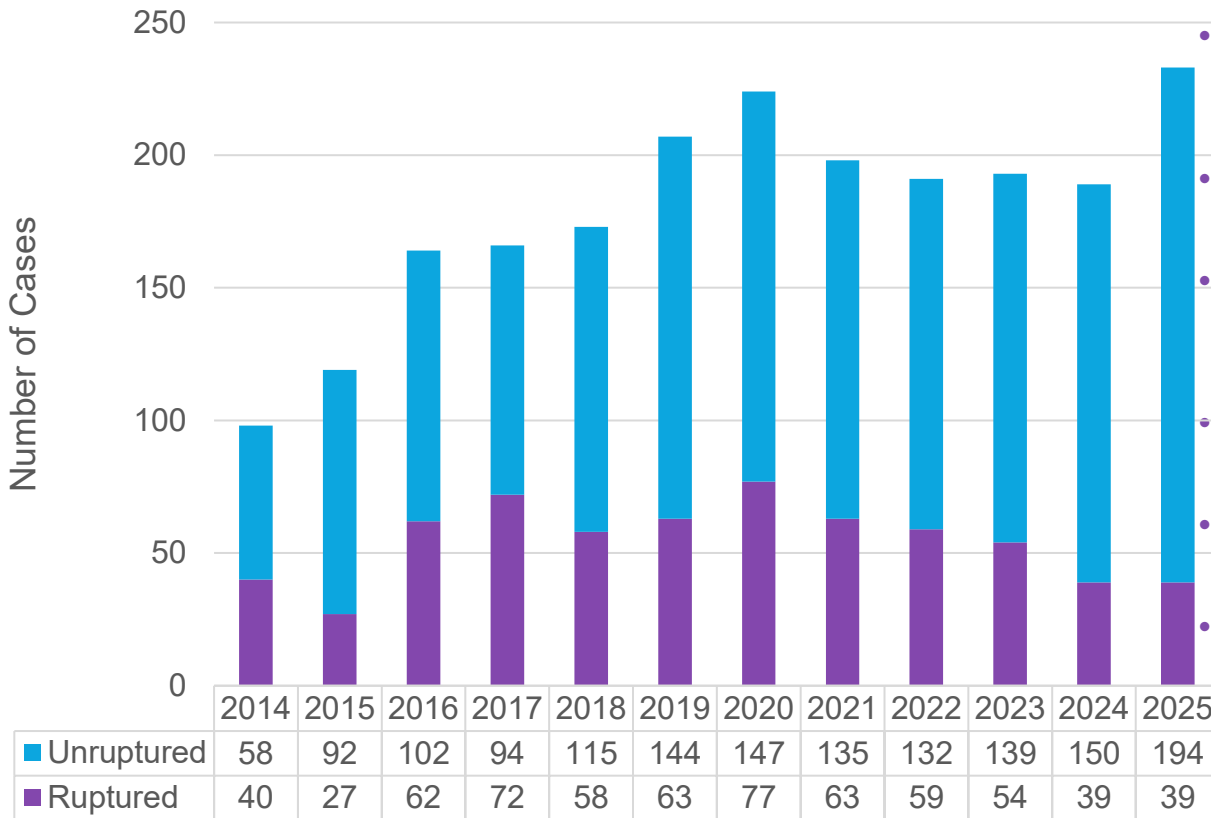
- An endovascular treatment is a less invasive procedure used to treat problems affecting the blood vessels, such as an aneurysm, which is a swelling or ballooning of a blood vessel in the brain.
- If you have an ischemic stroke (stroke caused by a blocked artery in your brain), doctors may be able to perform an endovascular procedure called a thrombectomy to remove the clot.

WS Kennestone Thrombectomy Results

Greater than 50% of the patients who had a thrombectomy and/or IV thrombolytics had a favorable disability score (Modified Rankin score) 90 days post procedure. This exceeds other Comprehensive Stroke Centers by 8.4%.

(source: WS Kennestone Get With The Guidelines®-Stroke data)

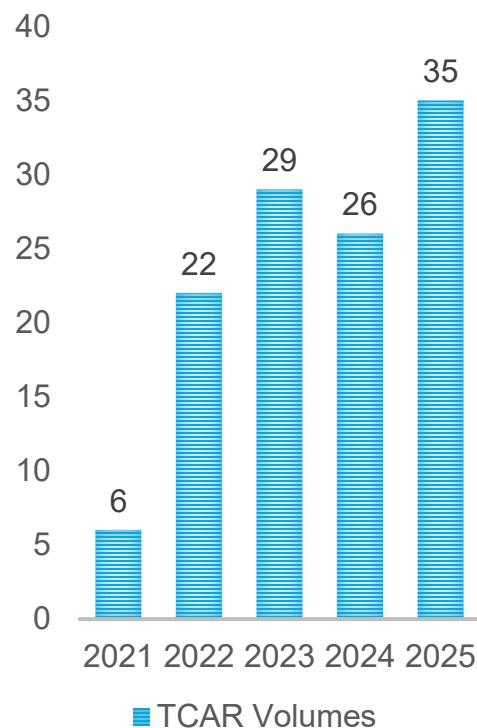
WS Kennestone: Endovascular Treatment of Cerebral Aneurysms



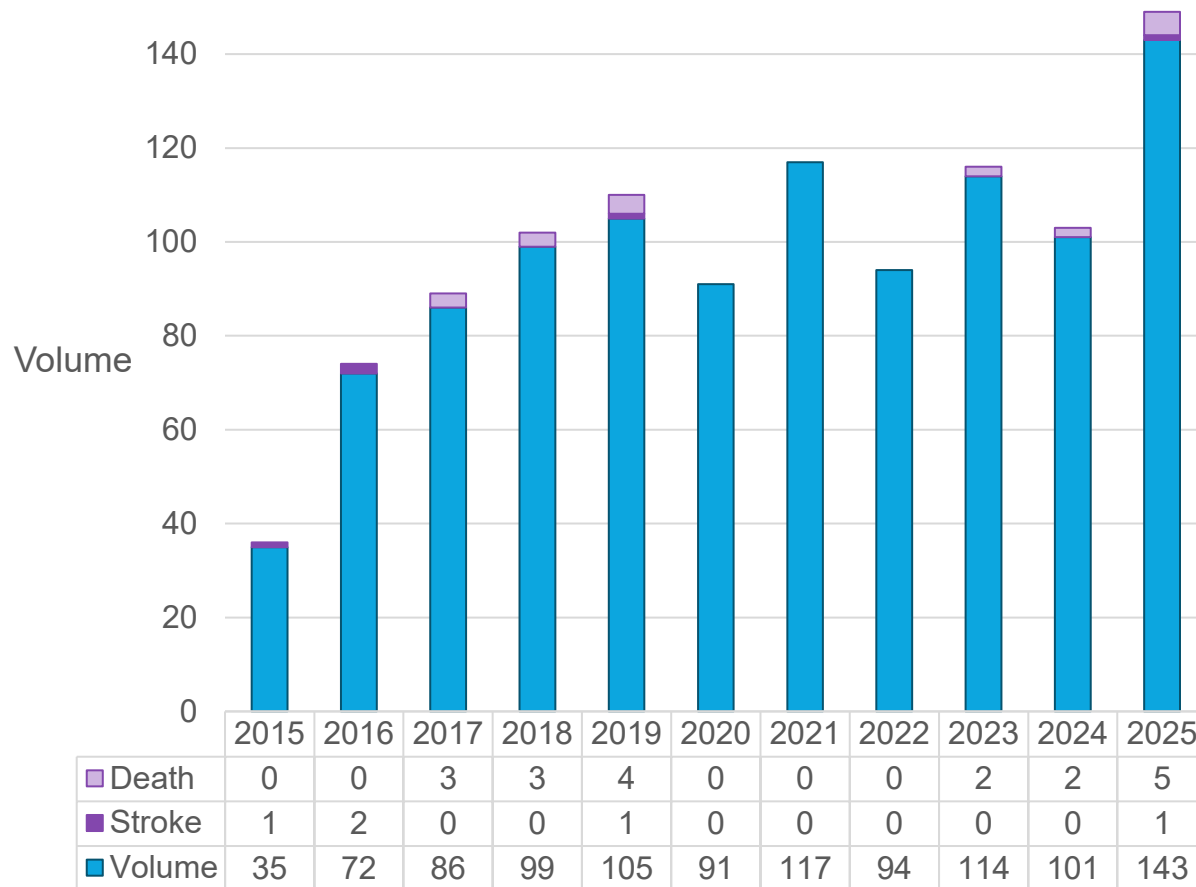
- A cerebral (brain) aneurysm is a weak area in a blood vessel that usually enlarges.
- It's often described as a ballooning of the blood vessel.
- Approximately 1 in 50 people in the United States have an unruptured brain aneurysm.
- Most cerebral aneurysms do not produce symptoms.
- An aneurysm may rupture causing a hemorrhagic stroke.
- Depending on the aneurysm's size, location, and shape, it may be treatable from inside the blood vessel.

TransCarotid Artery Revascularization

- In 2021, Wellstar Kennestone began performing **transcarotid artery revascularizations (TCAR)**. This procedure is performed to repair a blockage the carotid artery.
- The **carotid artery** is an artery in your neck that provides blood flow to your brain and face. The split of the carotid artery is a common spot in your body where plaque (fat, cholesterol and other substances) can build up which creates a narrowing or blockage.
- These blockages can lead to strokes when a piece of the blockage breaks off or the artery closes completely. **TCAR** is an effective ways to **treat carotid blockages and help to prevent strokes**.

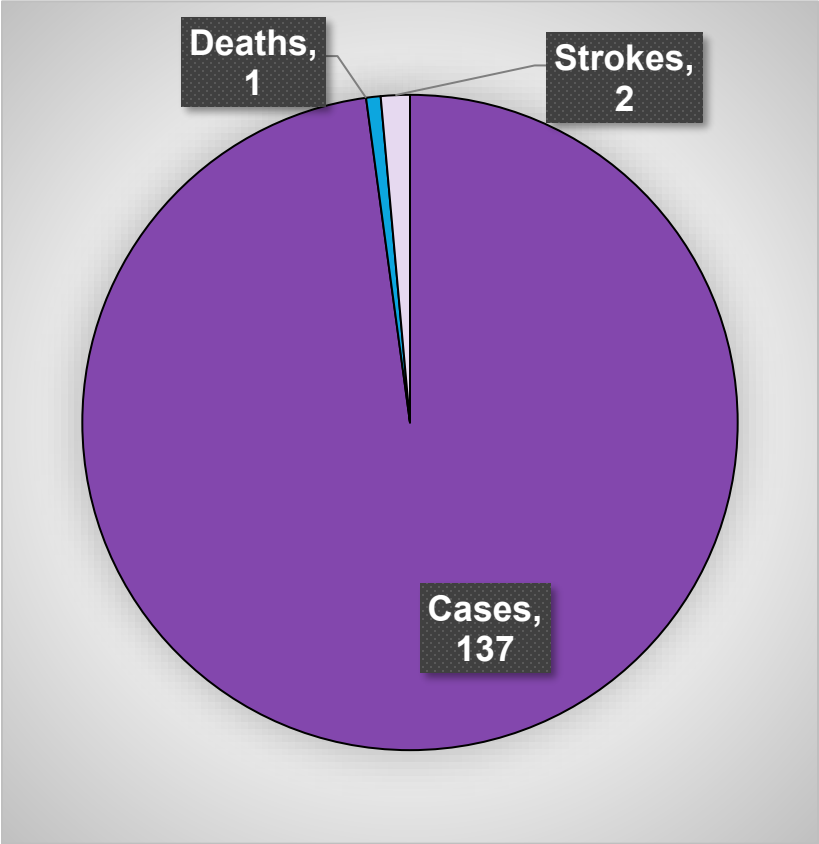


WellStar Kennestone: Carotid & Vertebral Artery Stents & Angioplasty Volumes & Complications within 30 Days Post Procedure



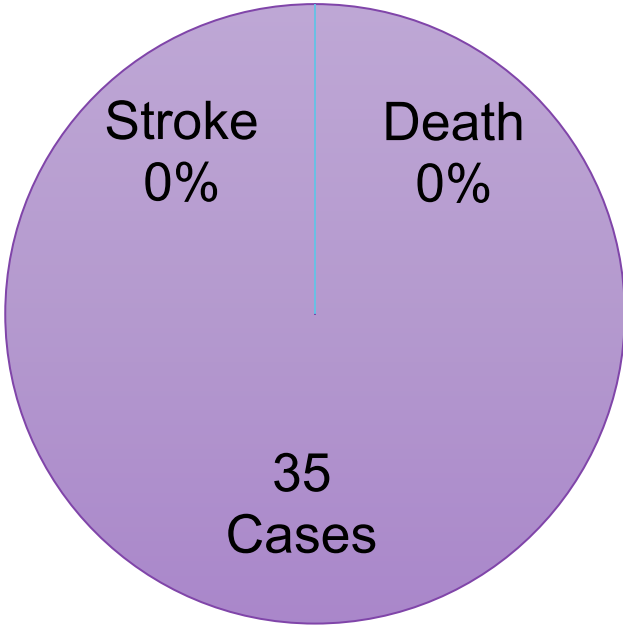
- **Cerebrovascular Stenting:** Carotid and vertebral angioplasty and stenting are procedures that *open narrowed arteries* to restore blood flow to the brain.
- Angioplasty and stenting are often performed to *treat or prevent a stroke*.
- The carotid arteries are located on each side of your neck. These are the main arteries that supply blood to your brain.
- The vertebral arteries run through the spinal column and supply blood to the brain and spine.

2025 Carotid Endarterectomy (CEA) Volumes & Complications within 30-Days Post Procedure



A Carotid Endarterectomy (CEA) is a surgical procedure used to *reduce the risk of stroke* by correcting narrowing in the common carotid artery or internal carotid artery. Endarterectomy is the removal of material on the inside of an artery.

2025 Transcarotid Artery Revascularization (TCAR) Volumes & Complications within 30-Days Post Procedure



■ Volume ■ Stroke ■ Death

- A Transcarotid Artery Revascularization (TCAR) is a surgical procedure which improves blood flow in your carotid artery to reduce your risk of stroke.
- Transcarotid artery revascularization (TCAR) is a newer and less invasive procedure. It can help people who healthcare providers consider high risk for other kinds of carotid revascularization.