

Wellstar MCG Comprehensive Stroke Center

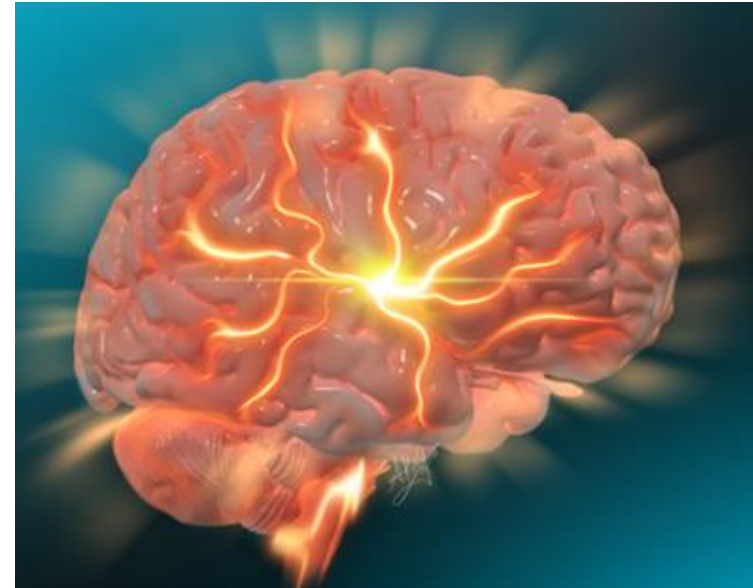
Interventions and Outcomes

Wellstar MCG Comprehensive Stroke Center

Wellstar MCG was the first hospital in GA to achieve the Advanced Comprehensive Stroke Certification from Joint Commission in 2013.

We provide all the following:

- ✓ 24/7 state of the art stroke care
- ✓ Neuro Interventionalist
- ✓ Cerebrovascular Endovascular Neurosurgeon
- ✓ Vascular Neurologist
- ✓ Neuro Intensivist
- ✓ Vascular Surgery
- ✓ Pediatric neurologies
- ✓ Neurology and Neuroendovascular Fellowships
- ✓ Accepting center for stroke transfers
- ✓ Reperfusion Therapies (Thrombectomy, IV Thrombolytics)
- ✓ Designated Neuro Units, including a 20 bed Neuro Intensive Care Unit
- ✓ Research participation
- ✓ Acute Care Rehab Services
- ✓ Care Coordination Services
- ✓ Partnership with the Medical College of Georgia



[Wellstar MCG Stroke Brochure](#)
Click here to learn more.

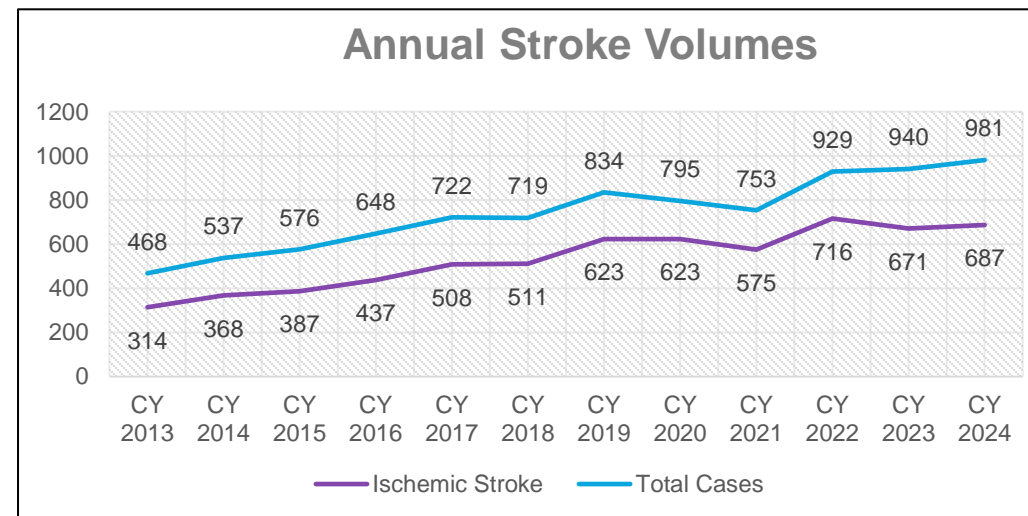
Wellstar MCG

- Wellstar MCG's Stroke Center participates in the American Heart Association's Get With the Guidelines: Stroke program and has achieved award status meeting many vigorous measures and standards.

[Get With The Guidelines® - Stroke | American Heart Association](#)

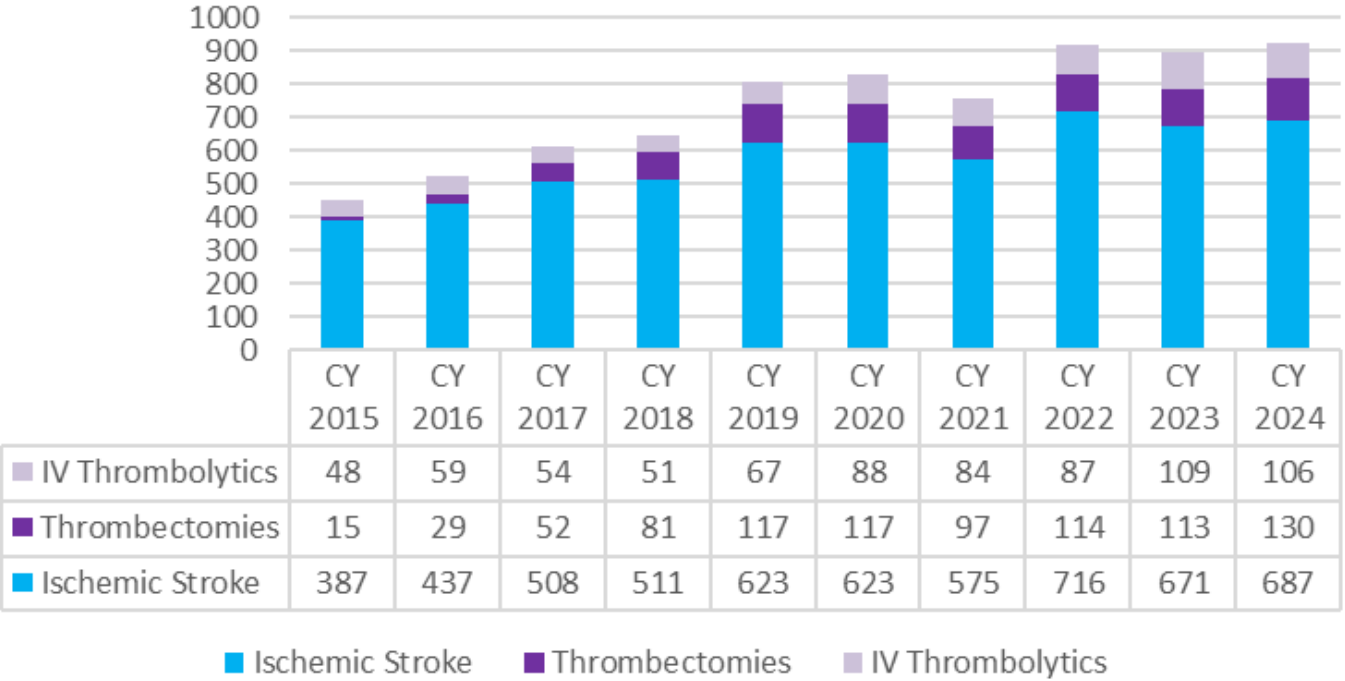
Wellstar MCG's Stroke Patient Volumes

	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
Ischemic Stroke	314	368	387	437	508	511	623	623	575	716	671	687
SAH Subarachnoid Hemorrhage	45	40	56	60	57	51	43	26	26	43	47	40
IC Intracerebral Hemorrhage	84	104	109	100	114	119	133	115	108	123	163	154
TIA Transient Ischemic Attack	25	25	24	51	43	38	35	30	44	47	59	100
Total Cases	468	537	576	648	722	719	834	795	753	929	940	981



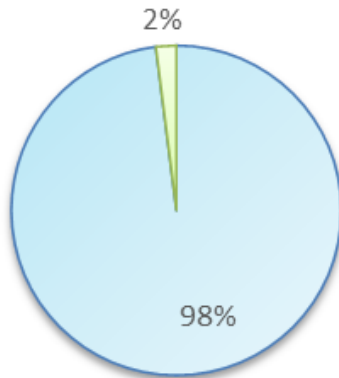
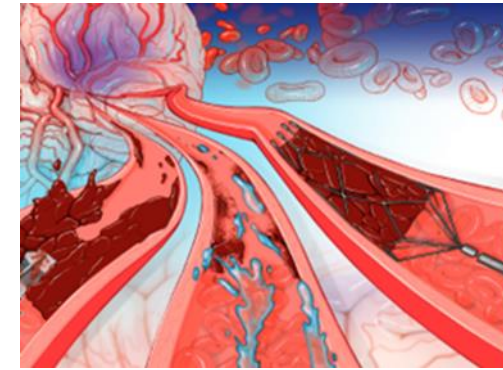
Wellstar MCG's Treatments: Thrombectomy and IV Thrombolytics

Treatment Rates for Ischemic Stroke



- ***IV Tenecteplase (TNK)** is a drug used to dissolve blood clots that form in certain blood vessels.*
- ***Mechanical thrombectomy** is a minimally-invasive surgery where specialized equipment is used to physically remove a clot from a patient's artery.*

Wellstar MCG's Treatments: Carotid Endarterectomy Complication Rates

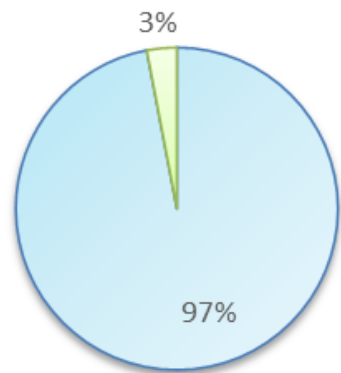
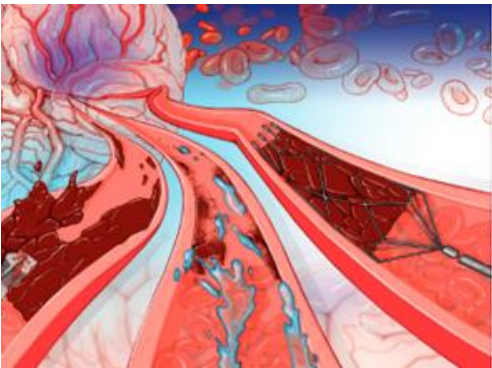


■ No Complication ■ Stroke or Death within 30 Days

Year	Volume	% Stroke or Death
2022	21	5%
2023	32	0%
2024	30	0%
Total	83	2%

- **Carotid endarterectomy (CEA)** is a procedure that removes plaque buildup from the carotid arteries. The carotid arteries are the two main vessels on either side of the neck which supply blood flow to the brain.
- Endarterectomy means the removal of the plaque and helps restore proper blood flow to the brain and to prevent strokes.
- In the past three years we have only had 1 case with stroke or death complication within 30 days post procedure.

Wellstar MCG's Treatments: Carotid Stenting Complication Rates



■ No Complication ■ Stroke or Death within 30 Days

Year	Volume	% Stroke or Death
2022	8	0%
2023	13	8%
2024	5	0%
Total	26	3%

- **Carotid Stenting (CAS)** is a procedure that involves placing a stent in the carotid artery. The carotid arteries are the two main vessels on either side of the neck which supply blood flow to the brain.
- A stent, or metal coil, is placed inside of the narrowed artery to maintain an opening and proper blood flow to the brain.
- In the past three years we have only had 1 case with stroke or death complication within 30 days post procedure.

Wellstar MCG's Treatments: Diagnostic Cerebral Angiography Complication Rates

Year	Procedure Volumes	Stroke or Death Rate
2015	1/277	0.36%
2016	5/355	1.40%
2017	3/342	0.88%
2018	0/217	0%
2019	0/276	0%
2020	1/205	0.50%
2021	0/201	0%
2022	0/166	0%
2023	0/222	0%
2024	0/187	0%

- Diagnostic Cerebral Angiography is used to view and evaluate blood vessels in the brain using a catheter, x-ray and contrast dye.*
- There is a slight complication risk for these common procedures.*
- The past 4 years we have had zero complications for hundreds of cases.*

