

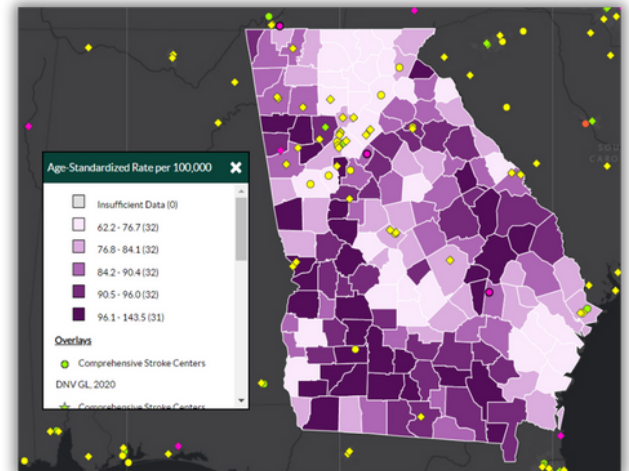
AdventHealth Redmond, a leader in healthcare innovation located in Redmond, GA, recognized the critical need to address large vessel occlusion (LVO) strokes in their region. With Corazon's expertise, they successfully implemented a state-of-the-art thrombectomy program, revolutionizing stroke care in Northwest Georgia.



Challenges:

Stroke remains a leading cause of death and long-term disability in the U.S., with LVO strokes contributing to 90% of acute ischemic stroke deaths. Prior to this initiative, patients in AdventHealth Redmond's service area faced extended transfer times exceeding 120 minutes to the nearest thrombectomy-capable center. Key challenges included:

- Lack of local thrombectomy services.
- A six-month wait for neurology follow-ups.
- Limited EMS LVO screening protocols.
- Absence of a neurointerventional program.



Deaths from Stroke, GA Counties

Corazon's Solution:



Gap Assessment: Evaluated stroke market data, identified clinical needs, and projected volume increases with population growth and market capture.

Program Development: Designed a comprehensive strategy, addressing facility upgrades, staff training, and the recruitment of a neurointerventionalist.

Education & Simulation: Provided training for 250+ staff and conducted dry runs to refine workflows and ensure readiness.

Collaboration: Established committees to streamline patient flow, standardize care pathways, and ensure rapid treatment times.

Community Impact:

The thrombectomy program has transformed stroke care, offering timely, life-saving interventions locally.

Two illustrative cases demonstrate its success:

- A patient with profound left-sided weakness underwent thrombectomy and carotid artery stenting. The patient regained mobility and arm/hand function with minimal support.
- A patient with complete right-side paralysis and aphasia experienced a full neurological recovery, walking out of the hospital without rehabilitation.



Lessons Learned:

AdventHealth Redmond and Corazon identified critical success factors:

- Early planning of facility needs and equipment.
- Iterative education and dry runs to refine processes.
- Effective marketing and outreach to raise community awareness.
- Continuous post-implementation evaluations to drive improvements.



Conclusion:

AdventHealth Redmond's thrombectomy program exemplifies strategic collaboration and commitment to patient-centered care. Corazon's guidance enabled this transformative service, reducing transfer times, improving outcomes, and solidifying AdventHealth's leadership in stroke care.

