

TELE-NEUROLOGY / STROKE

THE CLINICAL CHALLENGE

Acute neurologic emergencies, like stroke, demand immediate expert evaluation, yet many hospitals lack an on-site neurologist, especially after hours. Every 40 seconds someone in the U.S. has a stroke, but rural patients face higher stroke mortality in part due to longer travel times and limited specialist access. Even hospitals in urban areas struggle with neurologist shortages, leading to bottlenecks in strokecare. This gap in coverage not only endangers patients but also strains hospital operations and results in lost revenue from preventable transfers.

WHAT EQUUM DOES

Equum Medical's Tele-Neurology /Tele-Stroke service delivers 24/7 on-demand neurologist expertise via secure telehealth. Even the most remote hospital can instantly connect with a board-certified neurologist or stroke specialist through high-definition video. Equum's tele-neurologist promptly guides local clinicians through critical steps of acute stroke care including assessment and treatment decisions. All of this happens within the crucial treatment window, giving patients the best chance at recovery. Equum's neurologists also assist with other emergencies including seizures, traumatic brain injury, and altered mental status essentially providing a "virtual neurology department" on call for any complex case. The tele-neurology service integrates with hospital workflows and IT systems to seamlessly become part of the care team. Equum handles all multi-state credentialing and regulatory compliance for the remote specialists. By leveraging this virtual neurologist network, hospitals can deliver expert neuro care on demand without waiting for an on-site or on-call neurologist.

Notably, studies show that telestroke programs lead to significantly better outcomes – including lower 30-day mortality – and dramatically higher use of clot-busting treatments (in one study by over 10%, and in another by 55%) when compared to sites without tele-stroke.

THE VALUE CREATED

Equum also provides data-driven performance monitoring (e.g. door-to-needle times, treatment rates) to help partner hospitals continuously improve their stroke care quality. Overall, the tele-neurology service elevates a hospital's capability to deliver timely, evidence-based neurologic care.

BENEFITS OF EQUUM SERVICE

24/7 Specialist Coverage Anywhere:

Equum ensures round-the-clock access to neurologists for your hospital, eliminating coverage gaps. Constant specialist availability means even nights and weekends, you have immediate neuro expertise on-site virtually

Improved Patient Outcomes:

Timely tele-neurology intervention leads to better clinical outcomes for strokes and other neurologic events.

Enhanced Throughput & Efficiency:

With neurologists available on-demand, ED and ICU workflow improves. Inpatient teams get expert input to manage neuro patients promptly, preventing unnecessary delays in care.

Expanded Care Capacity (Keep Patients Local):

Equum's service enables community hospitals to treat more high-acuity neuro patients in-house instead of transferring them. Tele-neurology effectively expands your hospital's capabilities without adding physical

Cost Savings & Specialist Support:

Equum's neurologists become an extension of your team, supporting your clinicians and ensuring no critical neurologic issue goes unmanaged due to lack of specialist availability.