USE CASE & WORKFLOW

Stroke

tigerconnect

Time is tissue:
how clinical communication and collaboration improves stroke response time and results

According to the Centers for Disease Control, someone in the United States has a stroke every 40 seconds[1]. Ischemic strokes, in which blood flow to the brain gets blocked, make up about 87% of strokes[2]. Strokes are one of the leading causes of long-term disability.

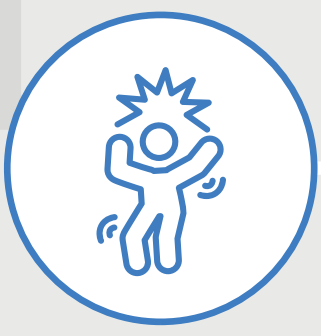
The clock starts ticking for stroke patients before they reach the emergency room door. Once they reach the hospital emergency room, quickly activating stroke response teams impacts the patients' long-term outcomes success. How fast the patient receives care depends on how care team members communicate. Real-time, contextual communication between care team members can make a direct impact on the speed at which stroke victims receive care.

See how the TigerConnect Clinical Collaboration Platform is used to activate stroke teams and improve door to needle times.

$46 Billion

The estimated cost of stroke services in the United States, including health care, medicines to treat stroke, and missed days of work.[3]

1



Patient experiencing stroke symptoms arrives at Emergency Room.

2

Emergency Department Nurse notifies "Stroke Response Team" that a stroke patient has arrived in the ED.

3

Stroke Response Team members arrive in Emergency Room to assess patient.

4

Patient immediately taken for CT Scan by Stroke Response Team

5

ED Physician orders tPA, which the ED Pharmacist mixes for immediate administration.

6

The patient's RN administers tPA.

In time-sensitive care scenarios such as a patient experiencing a stroke, real-time communication can have a direct impact on a patient's life. **TigerConnect has worked with a large healthcare organization that has reduced its door-to-needle time from an average of 62 minutes to an average of 30 minutes using role-based clinical communication.**

For more information on how TigerConnect improves Stroke Team coordination, download the Baylor St. Luke's client success story here.

1. Source: https://www.cdc.gov/stroke/facts.htm
2. Source: Virani SS, Alonso A, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, et al. "Heart disease and stroke statistics—2020 update: a report from the American Heart Association external icon." Circulation. 2020;141(9):e139–e596.
3. Disclaimer: Results were achieved by a TigerConnect customer. Results are not guaranteed as factors depend on specific procedures and policies that are unique to each setting.