



**TeleSpecialists**<sup>®</sup>  
TRANSFORMATIVE TELEMEDICINE

## Case Study



# DeSoto Memorial Hospital

### About DeSoto Memorial Hospital

DeSoto Memorial Hospital is a 49-bed rural hospital located in Arcadia, Florida and is the only hospital serving DeSoto County.

### The Problem

DeSoto Memorial's goal was to provide stroke services so that patients would not have to leave their community for care in other hospitals. With this in mind, DeSoto contracted with us, TeleSpecialists, who provided TeleStroke and TeleNeurology services.

### The Result

DeSoto implemented certain best practices to assure optimal door-to-needle (DTN) times, which included:

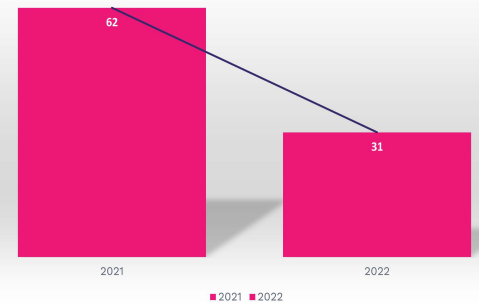
- "Pit Stop" prior to imaging to gather information and patient specific data (weight, vital signs, and blood glucose)
- Telemedicine cart to CT for quicker assessment by neurologist
- Nurse activated stroke alerts
- Implementation of e-Alerts for more efficient notification of stroke alerts
- Nurse mixing and administration of thrombolytic
- Mock codes and stroke alert debriefs with staff members
- Conversion to Tenecteplase (one IV push-no pump needed)
- Attention to metrics and rapid cycle improvement

In addition, the stroke leader provided one to one training for traveling RNs to assure consistency of patient care with the DeSoto stroke process.

### The Takeaways

- ✔ DeSoto Memorial Hospital contracted with us to provide timely stroke care to residents in the local community.
- ✔ The median DTN time decreased from 62 minutes to 39 minutes.
- ✔ DeSoto obtained their first Primary Stroke Certification, earning "the gold standard" on their stroke care.

DeSoto Memorial 2021-2022 Door-to-Needle



DeSoto Memorial DTN Median Time 2021-2022

