



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

## Case Study



# Comprehensive Stroke Center in Orlando

## About Comprehensive Stroke Center in Orlando

A 1,368-bed Comprehensive Stroke Center in Orlando, Florida is equipped with the latest technology and expertise to perform advanced diagnostic, medical, and surgical procedures.

## The Problem

The door-to-needle (DTN) administration time began to increase during Q4 2019. Our Quality Program Specialist and the hospital's Stroke Coordinator conducted a comprehensive data review to identify opportunities for improvement. It was identified that the root cause of the increased DTN time was due to delayed activation of TeleNeurologists.

## The Result

The improvement strategy deployed was re-education on prompt activation upon stroke identification with staff. Additionally, we provided continuous monitoring and data feedback.

A 15% reduction in DTN was achieved between December 2019 and June 2020.

## The Takeaways

- ✓ The hospital noticed DTN times increasing
- ✓ They completed a comprehensive data review with us to determine areas of improvement
- ✓ After re-education, DTN medians have improved by 15%

