



STEMI MODULE

Improving STEMI WorkFLOW + Case Data COLLECTION WITH MOBILE TELEMEDICINE

THE CHALLENGE

According to the American Heart Association, out of the 931,000 heart attacks throughout the United States each year, about 250,000 of them are a more severe type of heart attack; an ST-elevated myocardial infarction (or STEMI). The heart is not receiving blood during a heart attack, which can be fatal if not addressed quickly. The sooner EMS can start administering life-saving treatment, the better the outcome. With the right tools, paramedics can notify the ED and the cardiac catheterization team; and they can prepare the lab, equipment, and personnel for the patient's arrival so angioplasty and other critical treatment can begin as quickly as possible.

Through the use of a specialized digital mobile telemedicine app, EMS and sepsis teams are uniquely positioned to improve the saving of lives through timely intervention with engaging hospital and sepsis team staff via app features to initiate broader acute workflow improvements. Multi-faceted alerts including data collection and vitals shared real-time with ETA tracking to providers, speeds treatment and engagement to improve outcomes while

adding short and long-term educational value. A vital part of STEMI cases is making sure treatment is handled in a timely manner. Having a configurable mobile telemedicine solution allows for ED and STEMI teams to effectively communicate in order to properly treat the patient.



The Solution

The STEMI case workflow process below utilizes GD's e-Bridge WorkFLOW™ Mobile Telemedicine app. The solution provides an easy to use, state or region-wide mechanism to alert notify and track all STEMI cases in real time from prehospital first medical contact through hospital emergency department, handoff to STEMI teams. This will help the STEMI team be better prepared for the inbound patient while lessening the handoff time and increasing data accuracy.

Note that all GD e-Bridge WorkFLOW™ templates are highly configurable, allowing flexibility to operate protocols your way, ensuring maximum effectiveness and compliance to your teams and STEMI accreditations.

SAMPLE TELESTROKE WORKFLOW.