



Process Improvement Initiative
Prospectively measure the accuracy of EMS 12 Lead ECG Interpretation for STEMI Alert Patients

Start up Instructions

Below are a few things to keep in mind as we begin the start up of this Process Improvement Initiative. Please feel free to contact Louis Gonzales or Anne Robinson with any questions that arise.

Hospital Coordinators for this Project

1. The project will start with STEMI patients identified by EMS during the month of February. This means you will receive the first spreadsheet and batch of ECGs in early March.
2. Please ensure the reviewing cardiologists are familiar with the STEMI ECG criteria adopted by our regional Mission Lifeline. It is highlighted on the left hand side of the spreadsheet. This is a critically important point.
3. It will prove to be extremely beneficial if the cardiologist notes the confounder and/or other reasons that the ECG did not meet the STEMI definition (if applicable).
4. Please do not modify the spreadsheet or enter choices other than those provided in the drop down menus. Changes to the spreadsheet format will make it difficult to aggregate data. Changes to field contents will make it difficult to correctly analyze the data.
5. Please submit the completed spreadsheets to the appropriate EMS System contact person(s) within about 10 days of receipt if at all possible.

EMS System Coordinators for this Project

1. The process will start with STEMI patients identified by your EMS System during the month of February. This means you should compile a list of February STEMI cases using the provided spreadsheet.
2. Divide the list of STEMI cases and ECGs by Hospital and send a spreadsheet and accompanying ECGs to each appropriate Hospital.
3. Please ensure the name of your EMS Agency, your EMS incident number and the name of the receiving hospital are entered for every STEMI case listed on the spreadsheet (drop down menus are provided for two of these fields).
4. Once you receive the completed spreadsheets from each Hospital to which your STEMI patients were transported, forward the spreadsheets to both Louis Gonzales and Jeff Brockman via email.
5. This project assumes your Organization is using the Mission Lifeline definition agreed upon by our Region (see the definitions and spreadsheet notation).

Thank you all for participating in this improvement initiative and thus helping us improve our Region's STEMI System of Care