

MISSION: Lifeline™



CAPITAL AREA TRAUMA
REGIONAL ADVISORY COUNCIL

QI Subgroup Report April 20, 2011

Current Group Activities

- ➔ EMS ECG Accuracy Performance Improvement Project
- ➔ QI Multidisciplinary Team Meetings: Best Practices
- ➔ Feedback Process: PPCI Hospital to Referral Hospital and/or EMS

EMS ECG Accuracy Performance Improvement Project

➔ Status to Date

- February Cases = 31
 - ATCEMS=24
 - WCEMS=5
 - Buda Fire Dept=1
 - San Marcos/Hays Co EMS=1

**Cases with STEMI
Alert called by EMS**

EMS ECG Accuracy Performance Improvement Project

Status to Date

- Of the 31 February Cases, results reported for only 18
- Remaining 13 are missing:
 - Hospital ECG Over-Read results = 12 (2 hospitals)
 - EMS Data Spreadsheet = 1

Data Collection Tool

EMS Agency	EMS Incident No.	Receiving Hospital	Alert Declared Time (optional)															
ATCEMS	11034-0069	Seton Medical Center Austin	2/3/2011 9:17															
ATCEMS	11041-0320	Seton Medical Center Austin	2/10/2011 21:33															
ATCEMS	11050-0092	Seton Medical Center Austin	2/19/2011 7:59															
ATCEMS	11055-0	<table border="1"> <thead> <tr> <th>ECG Confirmed</th> <th>Potential Confounder</th> <th>Comments & Outcome Feedback (optional)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ECG Confirmed	Potential Confounder	Comments & Outcome Feedback (optional)													
ECG Confirmed	Potential Confounder		Comments & Outcome Feedback (optional)															
ATCEMS	11035-0																	
ATCEMS	11046-0																	
ATCEMS	11049-0																	

EMS ECG Accuracy Performance Improvement Project

Process Challenges & Lessons Learned

- It took a little while for both groups to understand the process
- There were delays in getting initial case lists from EMS to hospitals
- There have been delays in getting ECG Over-Read results from hospitals
- There were some undesired though minor changes made to the collection tool initially

QI Multidisciplinary Team Meetings: Best Practices

➔ Overview of STEMI Meetings by each PPCI Hospital

➔ Drafted Best Practices list

- Meeting best practices
- Process best practices

➔ Categorized the list

- Required
- Highly Recommended
- Consider

Feedback Process: PPCI Hospital to Referral Hospital/EMS

➔ **Objective: Provide STEMI patient feedback**

- Define an overall Process
- Define minimum components using lessons learned from current practices
- Include additional recommended components or practices
- Communicate to Region PCI Centers



Next QI Group Meeting May 10, 2011 AHA Training Room

Questions?