## APPENDIX A - DATA REQUIREMENTS FOR STEMI CENTERS

| Participation in NCDR Data Registry | NCDR Aggregate Data to be reported: Quarterly (raw) with adjusted data from NCDR when available to include all primary PCI interventions (EMS and non-EMS)  
Number of patients with primary PCI intervention  
Median door-to-intervention interval (minutes)  
Percentage and numerator/denominator of patient counts for the following:  
STEMI Mortality  
PCI Mortality  
Procedural Success  
Vascular Complications  
ASA upon arrival within 24 hours  
Beta-blockers upon arrival within 24 hours  
ASA on discharge  
Beta-Blockers on discharge  
ACE Inhibitors or ARM in patients with Ejection Fraction <40% on discharge | Data shall be submitted within 3 months of completion of calendar quarter.  
Data elements may evolve over time. |
| Participation in Contra Costa EMS Data Collection | EMS Data Elements  
STEMI Alert Called by EMS (Yes/No/Unknown)  
ED ECG STEMI (Yes/No/Unknown)  
ED Arrival Time and Date  
Intervention Done (PCI, thrombolysis or no intervention)  
Intervention Time and Date | Data shall be submitted within 10 days of date of patient arrival.  
Data elements may evolve over time. |
| Quarterly STEMI QI Committee Data Reports | EMS Data Report to include:  
Number of STEMI Alerts  
Number of confirmed STEMI’s (of those with alert)  
Number of Interventions and Type (PCI or thrombolysis)  
Door-to-Intervention Interval (median) by type (in minutes)  
Percentile of Door-to-Intervention 90 minutes or less (PCI), 30 minutes or less (thrombolysis)  
– (numerator and denominator of both categories) | Data shall be submitted within 3 months of completion of calendar quarter.  
Reports may evolve based on QI findings and data element change. |
| Annual STEMI QI Report | EMS Data Report  
NCDR Data Elements  
Cardiologist Primary and Total PCI volume/year for those treating EMS-transported patients  
Total time and number of episodes per year that catheterization lab not able to function | Data shall be submitted within 3 months of completion of calendar year. |

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