



Monterey County Health Information Exchange Project

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Monterey County Landscape

How and Why the County is attempting to
accomplish a pre-hospital ePCR to
hospital patient care record link.




Players:

- 4-Hospitals
 - 3-Base Hospitals (each with a different electronic medical record system)
 - 1-Receiving Hospital (another different electronic medical record system)
 - 4-Ambulance Providers
 - 1- AMR using MEDS ePCR system (county provider)
 - 2- .201 type providers using ESO ePCR system
 - 1- Fed. Gov. provider transitioning to ESO ePCR system
 - 5-ALS First Responder Agencies
 - 3- CALFIRE based using ESO ePCR system
 - 2- FD based using ESO ePCR system
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Timeline

- In 2012:
 - Medical Director mandates 1hour benchmark for PCR's to hosp.
 - Tracking tool developed to determine causes of delays
 - Providers begin process of purchasing ePCR systems
 - In 2013 :
 - All providers (excluding AMR) determine ESO to be ePCR solution
 - Begin integration with county CAD
 - MAC and QI committees begin discussions to integrate ePCR with hospital electronic medical records
- > 1 Hospital had worked with AMR to develop rudimentary system of integration
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Timeline Continued:

- Summer/Fall 2013:
 - Project identified as 'worth exploring' by Medical Director
 - Proposal made to Director to take on project
 - State reaches out seeking LEMSA's interested in pursuing HIE projects
 - > Monterey County applied and received approval for grant
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Decision Makers

- Who will be involved
 - Field Providers and QA/QI coordinators were advocating project
 - Direction provided seeking letters of commitment from agency and hospital decision makers
 - Hospital Leadership
 - Hospital IT
 - Hospital Legal
 - Agency senior management
 - Agency IT
 - County IT
 - County Comms
 - County Legal
 - Vendor determined *ESO*
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Challenges:

ALS 1st Responder:
ESO ePCR merging with 10 year old Tiburon CAD, mapping appropriate fields in CAD

Ambulance Provider:
MEDS system, CAD data transferred and mapped to AMR CAD

Hospital (test):
Meditech electronic medial record with different data field definitions

Solutions:
Bring all the IT guys together!!!!
Keep decision makers informed and track costs



Current Status:

- Health Data Exchange agreement reached with ESO
- Development and testing occurring with pilot hospital, pilot 1st responder and AMR
- Anticipate testing complete and information exchange to occur by end of November

Go Forward:

- Integrate rest of 1st responders ePCR's into pilot hospital
- Tackle rest of base hospitals exchange using lessons learned
- Bring on board receiving hospital



Ultimate Goal:

2-way exchange of patient care records to enhance both pre-hospital and hospital patient outcomes.



Questions?

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