

Mission Lifeline / CATRAC

Cardiac Care Workgroup Meeting

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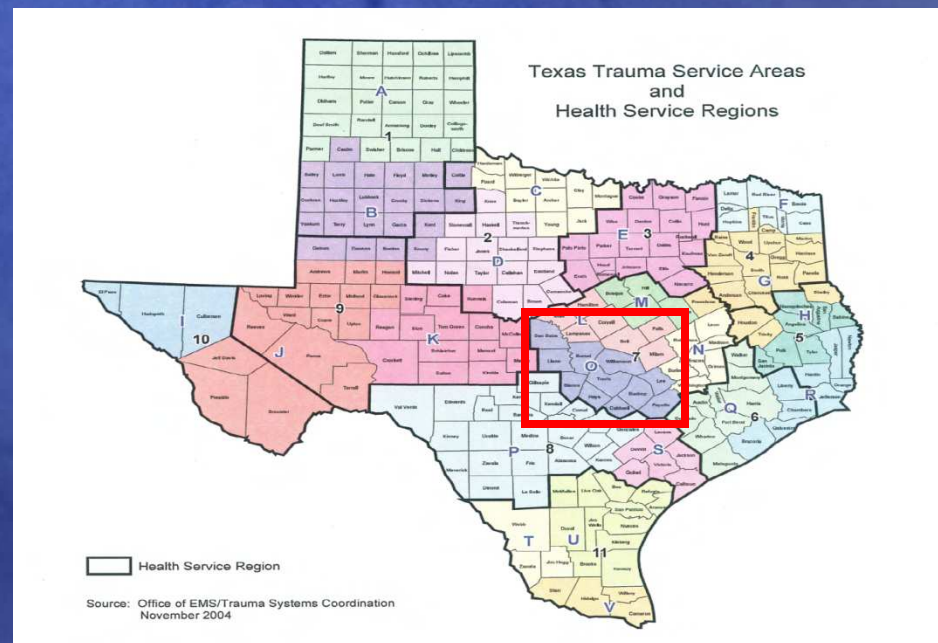
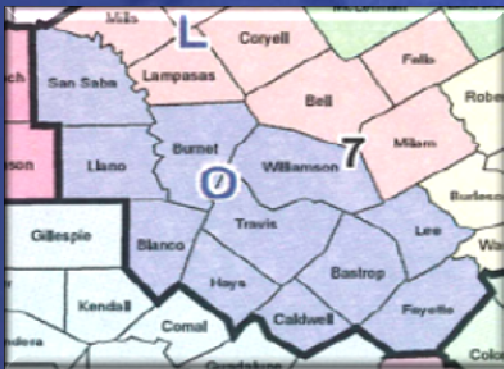
Cardiac Care Workgroup Meeting

- Develop a regional system for the treatment of patients with ST-elevation MI in the 11 counties in the Capital Area Trauma RAC
- Provide an opportunity and infrastructure for established STEMI systems to network
- *AHA – Mission Lifeline* : here to support and guide us as we collectively pursue this goal

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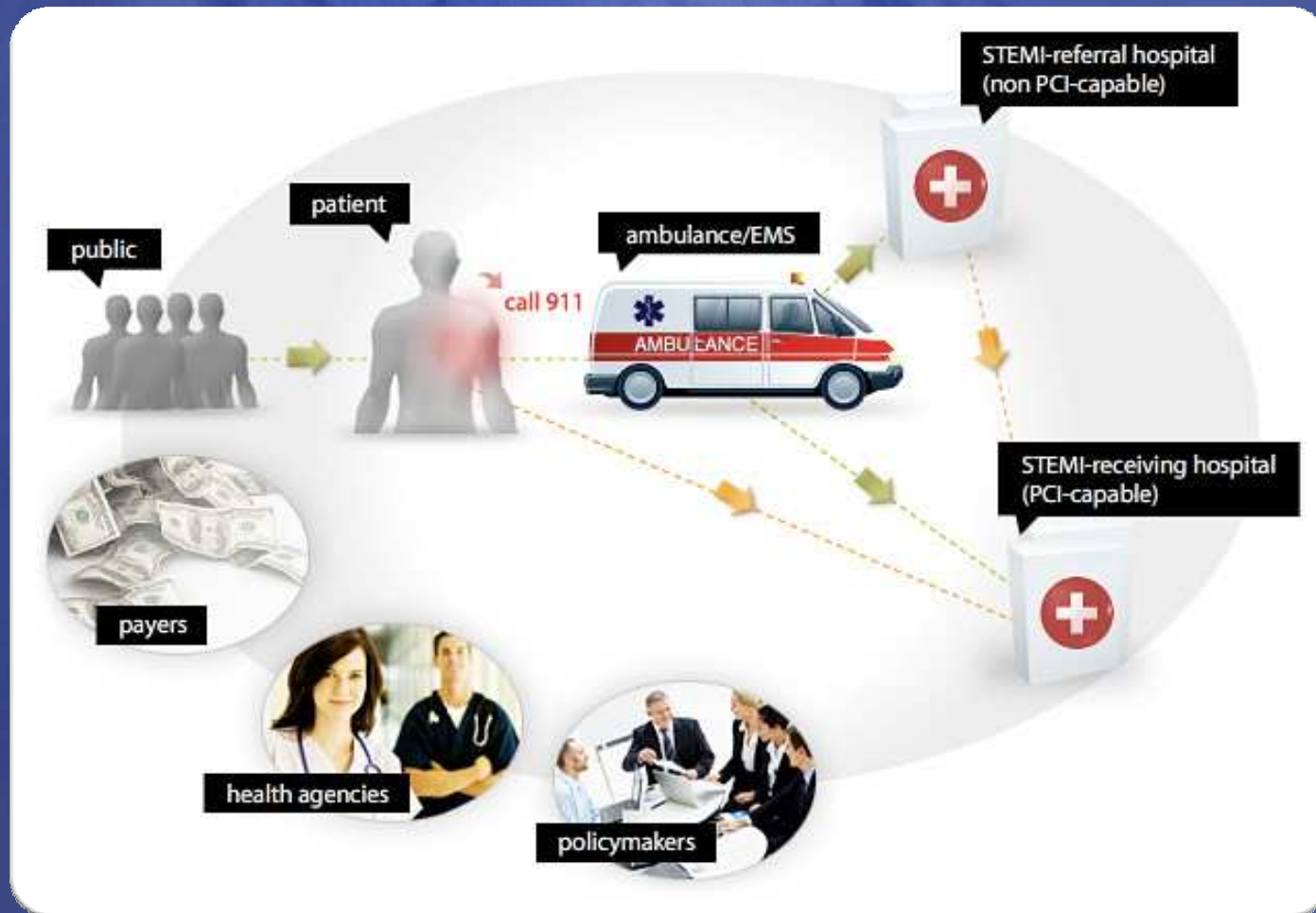
Cardiac Care Workgroup Meeting

Why are you here today?



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- Provide an opportunity and infrastructure for *established* STEMI systems to network
 - Hospital Systems – quality improvement teams
 - Cardiology Groups
 - EMS Community
 - Emergency Departments
 - Cardiac Cath Lab Teams
 - Public
- So much hard work has already been done...

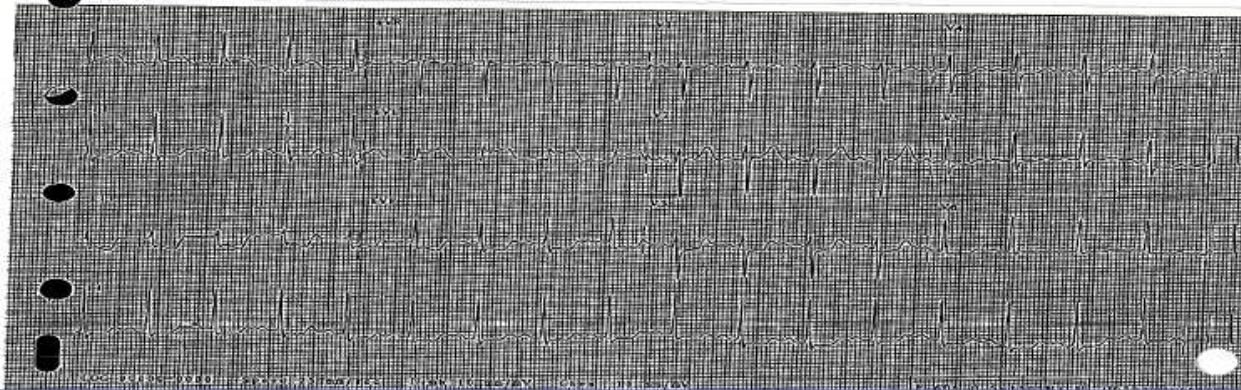
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May 5, 2009 (Tues.)

Door to Balloon Time: 54 minutes

MR# 123456



52 y.o. female with a history of coronary artery disease presented with c/o midsternal chest pain, associated with SOB, coughing and nausea with radiation to right arm and back

Risk Factors: Dyslipidemia, Hypertension, Diabetes.

ED Physician: C. Owen Int. Cardiologist: Dr. M. Picone

- ♥ 1930: Onset of symptoms
- ♥ 2045: STEMI Code called based on phone report/Picone notified
- ♥ 2055: PATIENT ARRIVAL TO HHA ED Dr. Owen at bedside
- ♥ 2059: Initial EKG
- ♥ 2110: Cath Lab at bedside
- ♥ 2115: Patient departed the ED
- ♥ 2124: Patient arrival in Cath Lab
- ♥ 2149: PTCA BALLOON INFLATED

Notes: EKG = STEMI D2B time = 54 minutes

- 4 minutes from arrival time to 1st EKG GOAL 5 minutes Goal Met
- STEMI code called before patient arrival GOAL 10 Minutes Goal met
- 25 minutes from STEMI Code call to Cath Lab arrival to ED GOAL 45 minutes Goal Met
- Unknown EMS Team called in STEMI enroute to HHA ED allowing for early STEMI Code call,

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- To build a more efficient system, we need:
 - Willingness to share best practices
 - Successes and Failures
 - Develop regional partnership
 - Assess what is working in our RAC
 - Identify underserved areas

- Your continued energy, effort, and commitment

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- We have help! *AHA – Mission Lifeline*
 - Tools to help link existing systems
 - Ways to identify underserved areas in our RAC
 - Define expectations and requirements for the integral players
 - Help define metrics for quality assessment and improvement

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- Our goal today is not to answer every operational detail to make this happen.



Anderson Mill Cardiology Clinic

Texas Heart & Vascular

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- Our goal today is not to answer every operational detail to make this happen.

We can create the infrastructure to elevate the care of patients with STEMI in Central Texas

This is the first step