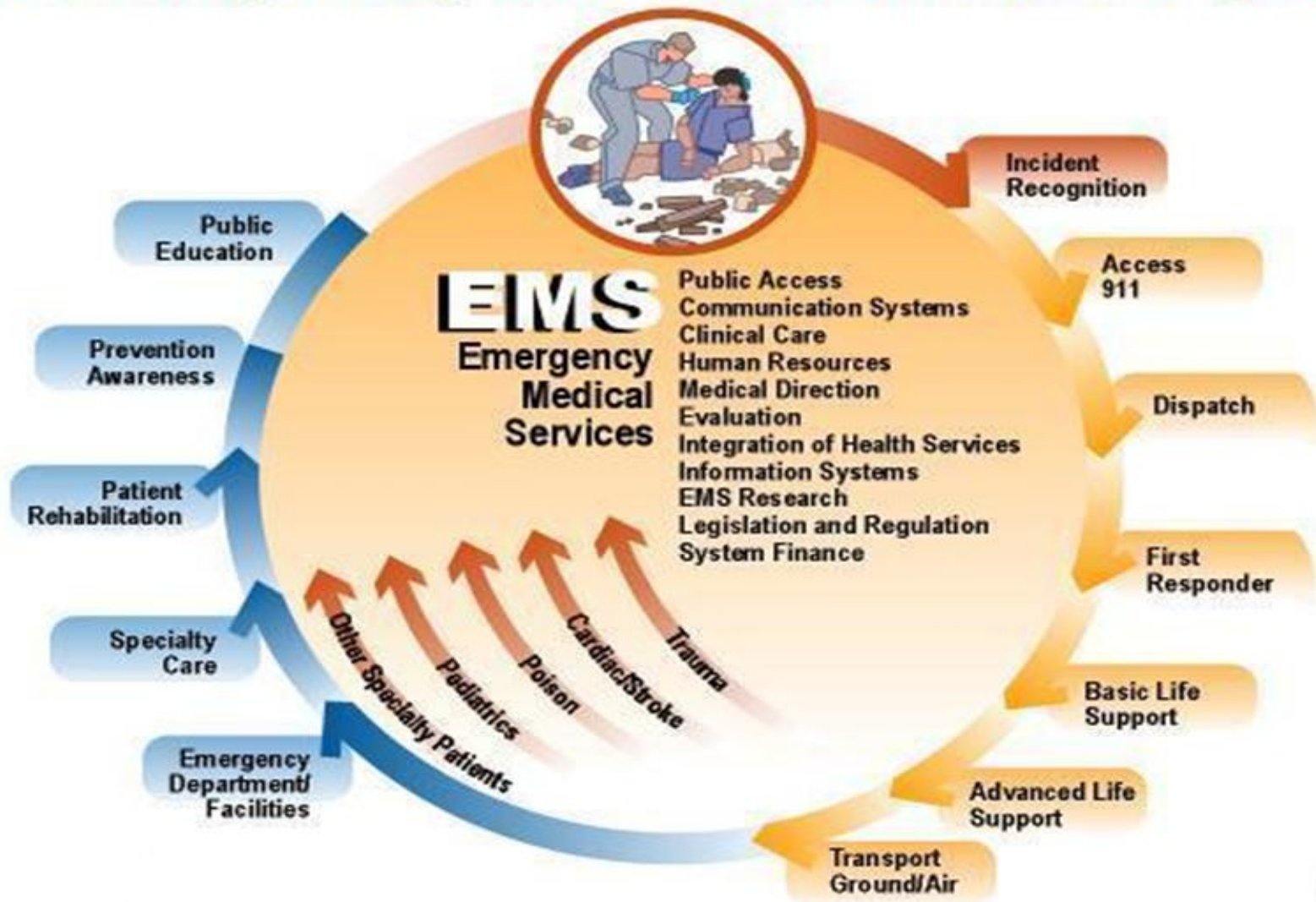




Contra Costa EMS

Patricia Frost, RN,MS,PNP-BC
Contra Costa Health Services
Director, Emergency Medical Services

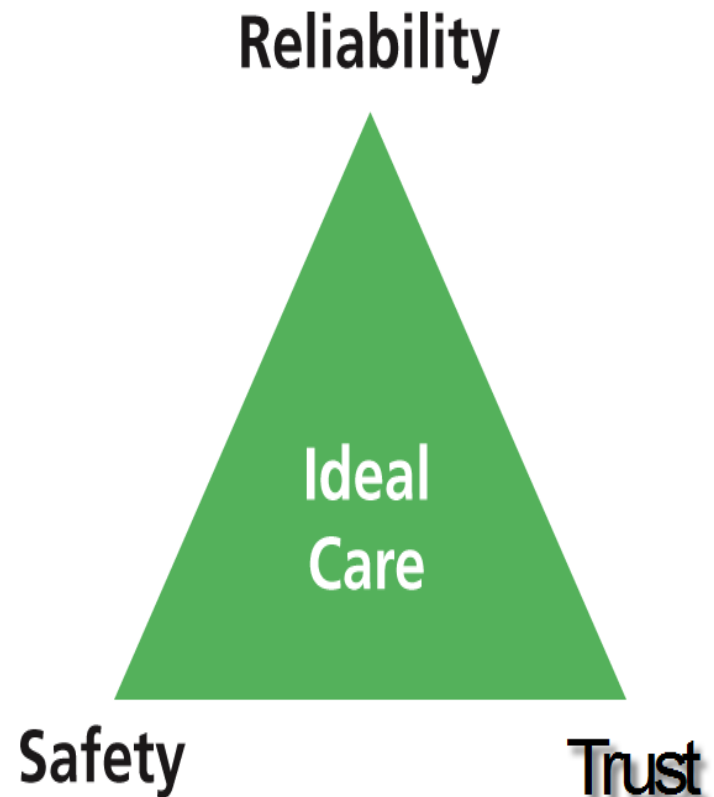
Coordination of EMS System



The Contra Costa EMS System At Work

“EMS the practice of medicine in the field”

- EMS System Design (2004)
 - High Performance
 - Dispatch-Fire First Response-Transport-Hospital
 - Advanced Life Support Paramedic
 - Coordinated patient care teams
 - High Reliability
 - Rapid response and transport to definitive care
 - Optimized within local capabilities
 - High Trust
 - Commitment to Patient Safety'
 - Evidence-based

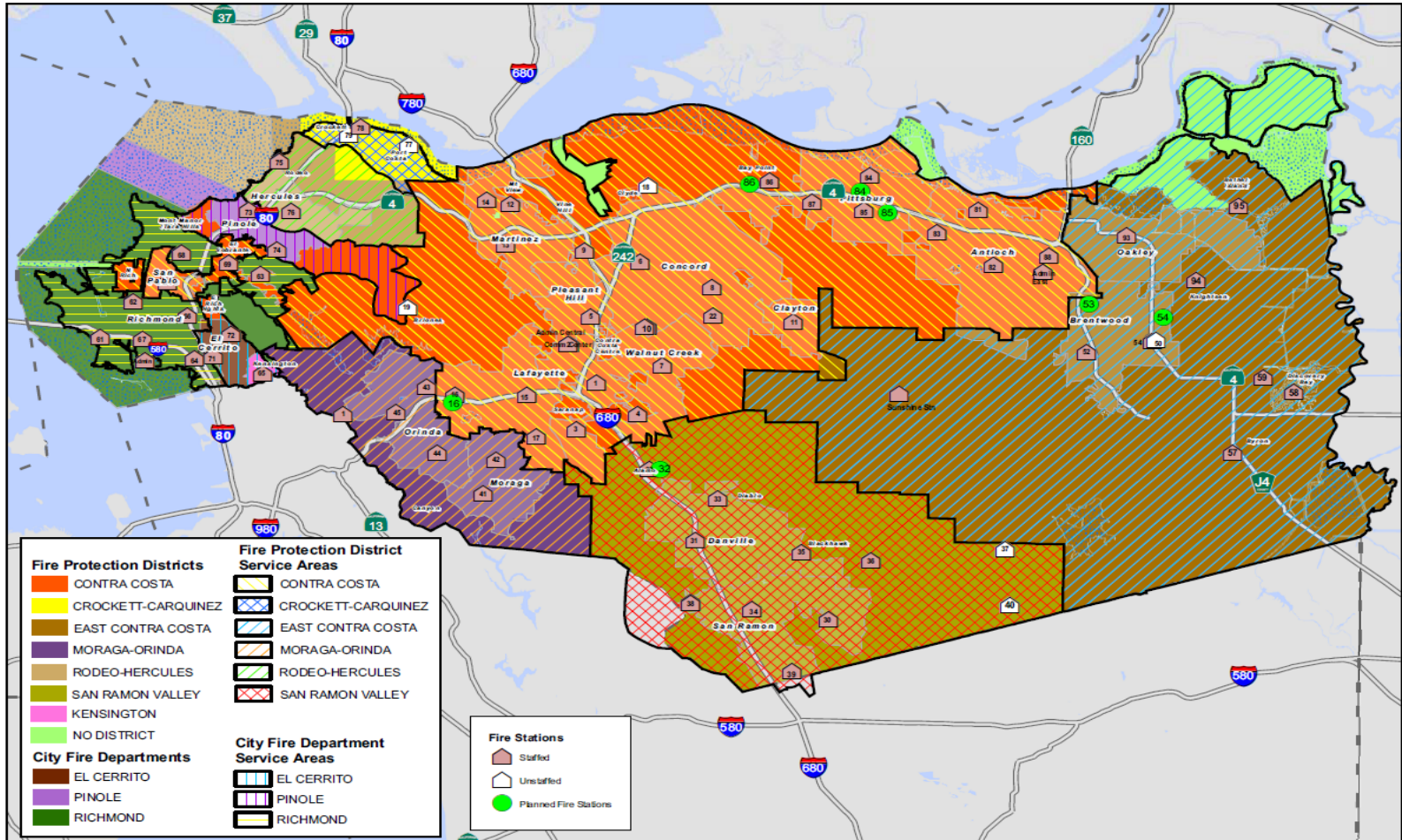


Value of Medical First Response

- Basic Life Support is Fundamental Medical Care
- Critical Link in the Chain of Survival
- Importance of Multi-Agency Teamwork
- 911 Medical Dispatch – Matching Need to Resource

"Sending the right thing(s), in the right way, at the right time, in the right configuration, and to do the right things"





The Future of Pre-Hospital Health Care



- **Full integration with Health Care**
 - Trauma, STEMI, Stroke, Cardiac Arrest
 - Dispatch-Nurse Call Center Partnerships
 - Linked medical record systems
- **New pre-hospital care roles**
 - Community Paramedic
 - Advanced EMT
- **EMS and Accountable Care Organizations (ACOs)**
 - Strategic Hospital/Health Plan partnerships
 - Potential new revenue streams

IOM Report: Healthcare=30% Waste

The Cost of Health Care How much is waste?

■ = \$1 Billion

Unnecessary Services
\$210 Billion

Fraud
\$75 Billion

**Excessive
Administrative Costs**
\$190 Billion

**Inefficiently
Delivered
Services**
\$130 Billion

Prices That Are Too High
\$105 Billion

**Missed Prevention
Opportunities**
\$55 Billion

SAVED

*Click the check boxes to view
the potential savings.*

☐ Streamline
Administrative Costs
\$181 Billion

☐ Prevent Medical
Errors
\$12 Billion

☐ Improve Hospital
Efficiency
\$80 Billion

☐ Prevent Avoidable
Hospital Admissions
\$48 Billion

☐ Improve Targeting
of Costly Services
\$20 Billion

☐ Prevent Fraud and
Abuse
\$10 Billion

☐ Decrease Costs of
Episodes of Care
\$53 Billion

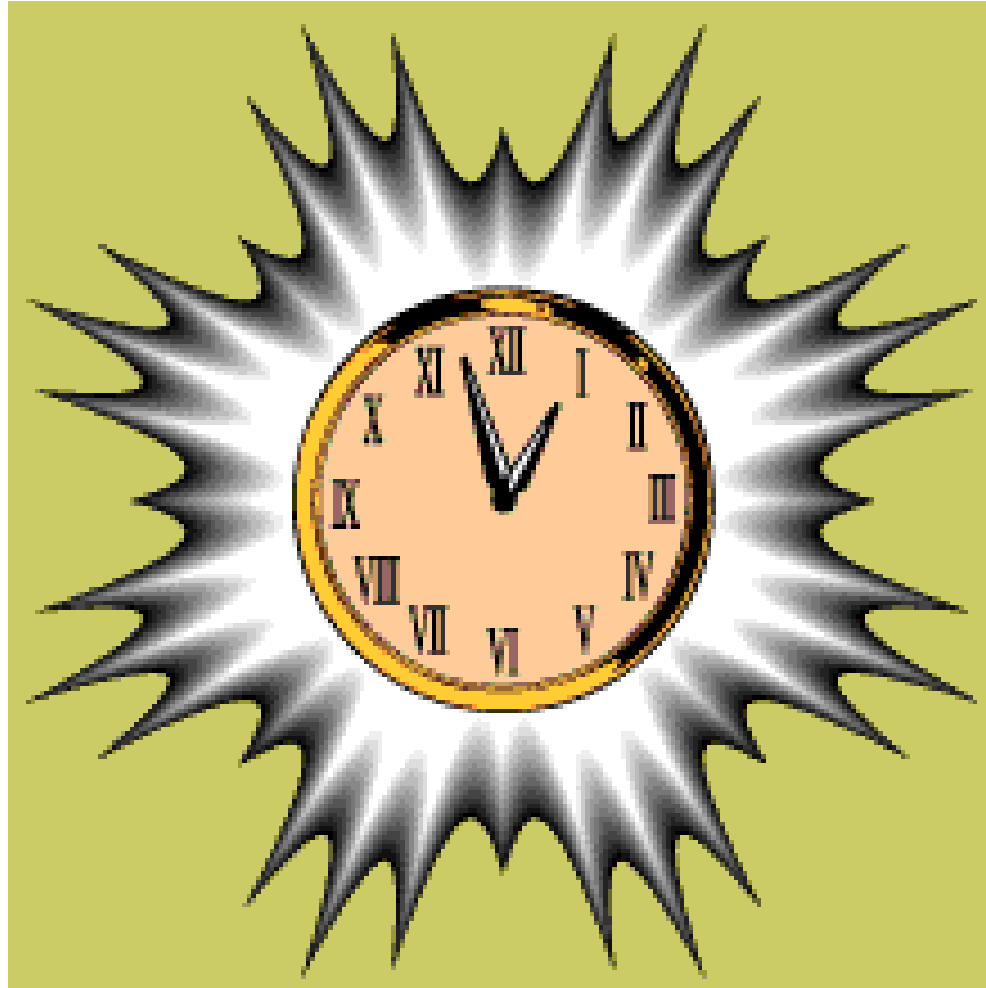
☐ Reform
Medical Liability
\$30 Billion

☐ Prevent Avoidable
Hospital Readmissions
\$20 Billion

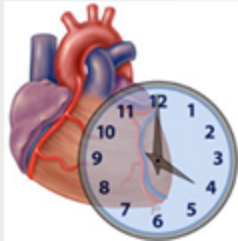
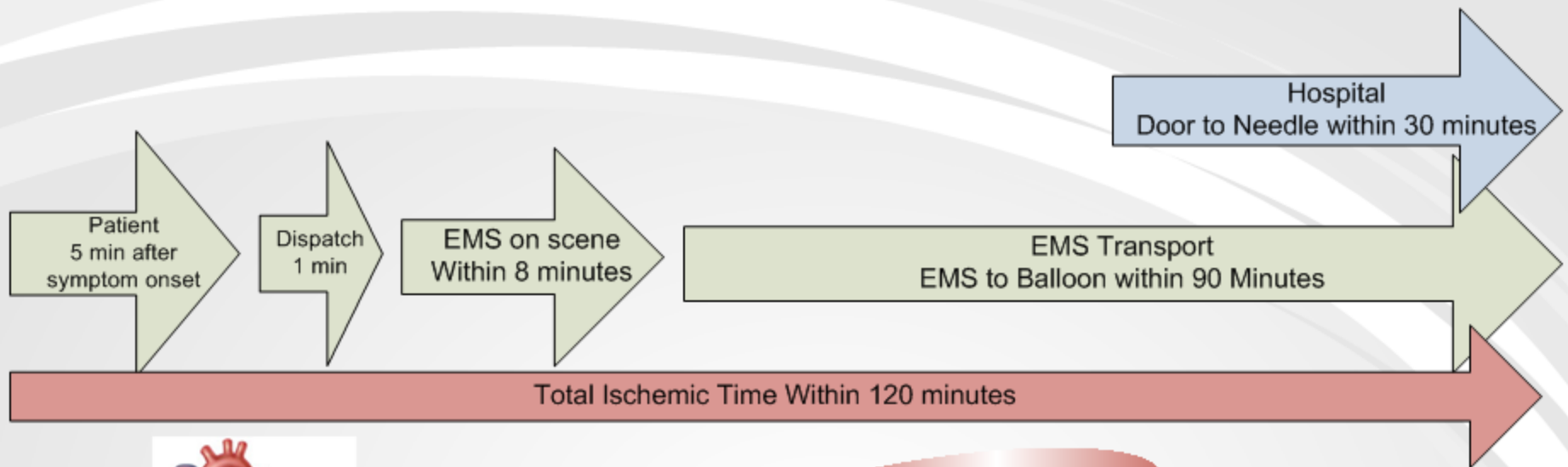
☐ Increase Shared
Decision-Making
\$9 Billion

The Focus: What Matters Most

"Time to Definitive Care"



Example: STEMI System



STEMI Treatment Timeline
“Time is Muscle”

Moving Ahead

Reducing Cost While Improving Outcome

- Strategic matching of patient need to resource deployed for patient benefit
- Elimination of processes and tasks within protocols that have no evidence of patient care benefit
- Expand Bystander CPR and HeartSafe Community Efforts
- EMS Role in Health Care Reform
 - Health care safety net
 - Improve population health, patient experience while reducing cost
- Coordinate EMS system within capabilities of community funding... providing choices within budget.
- Implementing evidenced based technology to reduce cost

Website: www.cccems.org



Contra Costa
Emergency Medical Services

Saving lives,
every day

The people of Contra Costa County depend on us for emergency response in critical situations. [Learn more](#) about what we do.