STEMI Systems of Care Best Practices 2016 Improving Regional Care

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Pearls What can I do to improve STEMI care in my Country/Region?

- Develop a regional system
- 12 Lead ECG/All EMS- cell phone
- ED Bypass
- FMC 2 B



ED Bypass

- With confirmed STEMI, Cath Lab ready
- Straight to Cath Lab, prep on table
- Save 10-30 minutes on D2B



FMC 2B

- Begin at <u>First</u> Medical Contact
- Search for time savings in transport
- Communication to Cath Lab and EP



12 Lead ECG/EMS

- 12 Lead ECG in EVERY EMS
- Transmit ECG to ED with cell phone
- Cath Lab activated by EMS



Develop a Regional System

- Cardiology/ED Physician Champions
- Draw maps of all hospitals in the region
- Regular meetings-Establish relationships, referrals
- Share <u>protocols</u>, Best practice



Core Principles for STEMI System Improvement

- Patient centered, Guideline Drive care (Prehospital 12 leads and immediate activation are Class I Indications!)
- Goal Setting
- Hardwiring
- Ownership
- Accountability







VHAC Strategic Plan...The Three Pillars

- Sustainable Regional Activity
- EMS education, training and equipment
- State Data Collection and Reporting







Sustainable Regional Activity

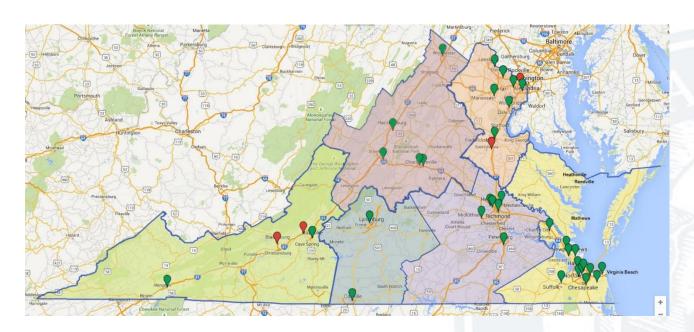
GOAL: Regional STEMI committees to meet quarterly. Committees are to have full representation of each profession/organization/hospital/health care system with agenda, meeting minutes and timelines.

















Virginia Heart Attack Coalition – Mission: Lifeline Southern Region Leadership Team



Dr. Peter O'Brien **Regional Director**

EMS

Medical Director:

Connie **Purvis**

EMS Council Leader:

Mary Kathryn Allen

LGH PCI HOSPITAL

Centra Health, Inc.

LGH Campus

Dr. Peter O'Brien

Dr. Chris Thomson

Dr. Tom Forsberg

Dr. Marilyn McLeod

RN/Director ED

Peter Martin. RN/Centra One

Curt Baker, VP Cardiology/Oncology

Jason Maddox. RN/Unit Manager Cath Lab

Cindi Cole, RN/BSN

Nathan Campbell,

Non-PCI Hospitals

Memorial Hospital

Dr. David Alligood

Regional

Coordinator

Cindi Cole, RN

Bedford

Dana Thompson, RN

Richard Downey, EMT

EMS Representativ e:

Janet Blankenship

Halifax Regional **Hospital**

Dr. James McCubbin,IV

Janelle Slabach, RN. Manager ED

Dr. Janardhan Srinivasan

Other Invested **Stakeholders**

Centra One

The Cardiovascular Group of the Stroobants Heart Center Research Foundation

AHA/ML

Southside

Community

Hospital

McCleod, MD

Kathi Manis.

Marilvn

RN

Aileen

Cassada.

RN/EMT

John Dugan, ML Director for VA.

American College of Emergency Physicians

Virginia ACC

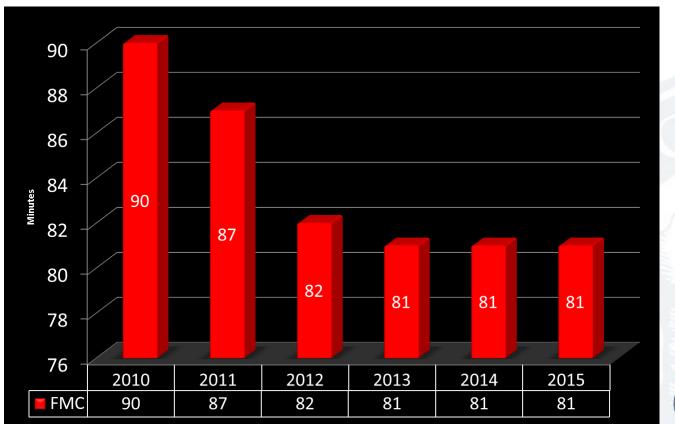
Office of EMS







FMC to Balloon in Virginia











Virginia Department of Health www.vdh.virginia.gov/oems

THANK YOU Virginia!!!









AMERICAN COLLEGE of CARDIOLOGY