



STEMI Systems of Care in INDIANA

The Chapter's Role in

MISSION: LIFELINE

Sheldon J. Friedman MD FACC

MISSION: LIFELINE

AHA National Initiative for STEMI

- **Assure Timely Reperfusion Rx**
- **Improve Quality of Care in STEMI**
- **Improve Health Care Systems
Response**
- **Ultimate Goal: SAVE LIVES**

MISSION: LIFELINE In INDIANA

Recommendations:

- **STEMI Referral Center – Non PCI**
- **STEMI Receiving Center – PCI**
- **EMS**
- **STEMI Systems of Care**

STEMI REFERRAL CENTER

Non-PCI Hospital

- **Protocols and Orders for STEMI in ED and ICU/CCU**
- **STEMI Pathway for PCI in ED**
- **STEMI Pathway for Fibrinolysis in ED**
- **Protocols for Transfer to PCI Hospital with Door to Balloon time < 90 min.**



STEMI REFERRAL CENTER

Non-PCI Hospital

- **Ongoing QA Process - Mission:
Lifeline Bridging Form**
- **Track compliance with ACC/AHA Class I
Guidelines**
- **Multidisciplinary review of data**
 - > Door to 1st ECG < 10 min**
 - > % of pts receiving Reperfusion**
 - > Total Door to Balloon Time**

STEMI Receiving Hospital Criteria

- **Protocols: Triage and Dx of STEMI**
- **Cath Lab Activation with single phone call**
- **Criteria for EMS to Activate Cath Lab**
- **24 – 7 Availability for PCI**
- **Cath Lab Staff and Interventional Cardiologist to arrive within 30 min. of call**



STEMI Receiving Hospital Criteria

- **Universal Acceptance of STEMI pts. NO DIVERSIONS**
- **Plan for Triage of >1 STEMI Pt. simultaneously**
- **Interventional Cardiologists should meet ACC/AHA criteria**



STEMI Receiving Hospital Criteria

- **STEMI Receiving Centers Should meet the ACC/AHA Criteria for volume: > 36 primary and 200 total PCI's / yr.**
- **STEMI Centers should participate in the ACTION REGISTRY**

STEMI Receiving Hospital Criteria

- **Track Adherence with ACC/AHA Class I Guidelines for Rx: Acutely and at Discharge**
- **STEMI Receiving Center: System coordinator and MD Champion**

STEMI Receiving Hospital Criteria

Multidisciplinary team to review outcomes and QA data monthly:

- **Door to Balloon Times**
- **Transfer Times**
- **% of Pts Receiving Reperfusion Rx**
- **% of Pts Receiving Class I Therapies**
- **Mortality**

❖ **Next Step in the Indiana
Mission: Lifeline initiative for you...
visit www.inacc.org**

Respond to ACC survey asking for the designation (based on national criteria) of your hospital as either a:

- ❖ **STEMI Receiving Hospital (PCI capable) OR**
- ❖ **STEMI Referral Hospital (non PCI capable)**



MISSION: LIFELINE

INDIANA

Workgroups Established

- **Protocols for STEMI Referral Hospitals**
- **EMS Training on STEMI Protocols**
- **Transfer Protocols**
- **Standards for STEMI Receiving Hospitals in Indiana**

Indiana Mission: Lifeline Steering Committee

Richard Kovacs, MD – Chairman, Indianapolis

Sheldon Friedman, MD, Carmel

Daniel O'Donnell, MD, Indianapolis

Don Hess, EMT-P, PI, Crown Point

Jay Schlaifer, MD, Lafayette

Tammi Nash, RN, MSN, Noblesville

Mike Schroyer, RN, MSN, MBA, Indianapolis

Susan Bradford, RN, MSN, Connorsville

Julie Reeves, AHA