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Filling the Gaps: Resources to Assist in Creating STEMI Systems of Care

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Mission: Lifeline in Michigan

- ➔ Launched November 2008
- ➔ Dr. Stuart Winston and Dr. Eric Bates identified as co-chairs
- ➔ Goals/Action items set
- ➔ 2 Work Groups created
 - EMS
 - Referral Hospital
- ➔ Periodic conference call meetings of work groups allowed for sharing of challenges, best practices, new developments and networking
- ➔ Recent move toward regional focus on systems work, statewide connections

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Michigan Mission: Lifeline Partners

➔ American College of Cardiology	➔ Mid Michigan Medical Center
➔ American Medical Response (AMR)	➔ Mount Clemens Regional Hospital
➔ Aspirus Keewenaw Hospital	➔ Munson Medical Center
➔ Bay Regional Hospital	➔ Northeast Michigan Medical Control Authority
➔ Beaumont Hospital, Royal Oak	➔ Northern Michigan Regional Hospital
➔ Borgess Hospital	➔ Oakwood Hospital
➔ Covenant Health Care	➔ Ontonagon Hospital
➔ Henry Ford Health System	➔ Sanofi-Aventis
➔ Holland Hospital	➔ Sparrow Hospital
➔ Ingham Regional Medical Center	➔ Spectrum Health
➔ Life EMS	➔ St. John's Hospital & Medical Center
➔ Marquette General Health System	➔ St. Joseph Mercy Hospital
➔ McLaren Regional Medical Center	➔ St. Mary's of Michigan (Saginaw)
➔ Metro Health Hospital	➔ Tri County Medical Control
➔ Michigan Center for Rural Health	➔ University of Michigan Health System
➔ Michigan Dept of Community Health	➔ Zeeland Hospital
	➔ And Others!

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Michigan Mission: Lifeline Activities


- Survey of EMS 12-lead capabilities
- Support of 12-lead training
- Support for regionalization of care (coordination with trauma system)
- Creation of PCI map
- Survey of both referral hospitals and receiving hospitals to identify gaps
- Networking & sharing of best practices



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STEMI Hospital Roles and Emergency Preparedness / Trauma Regions



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Mission: Lifeline Web Resources at www.americanheart.org/missionlifeline



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Mission: Lifeline Web Site Resources

- Resources for EMS, PCI Hospitals, Non-PCI Hospitals, Systems as a whole
- Shares ideal system components
- Strategies to achieve ideal including barriers and solutions
- FAQ s
- Resources for each component (ie sample pathways for Receiving Hospitals, etc)



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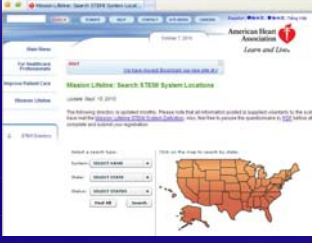
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Mission: Lifeline Web Site Resources

- STEMI System Directory

System defined as:
"integrated group of separate entities focused on reperfusion therapy for STEMI within a region that typically includes EMS, at least one non-PCI hospital, and one PCI hospital"

- Shown by state
- Info entered voluntarily by systems

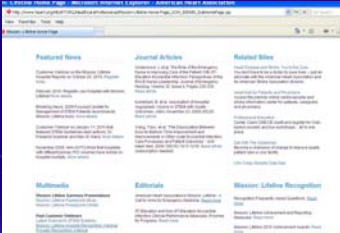


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Mission: Lifeline Web Site Resources

- Relevant Journal Articles
- Webinars
- Recent News
- Professional Education links



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ACTION Registry - Get With The Guidelines

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What is ACTION Registry®-GWTG (AR-G)?

- ➔ A national unified registry and QI program for AMI
 - Focus is on *process* improvement
 - Includes STEMI and NSTEMI patients
- ➔ A merger of:
 - the NCDR ACTION Registry, American College of Cardiology Foundation® (NRFMI & CRUSADE)
 - Get With the GuidelinesSM-CAD, AHA

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Benefits of AR-G Participation

- ➔ Monitor and measure performance
 - ACC/AHA guidelines
 - improve the quality and safety of patient care
 - national benchmarks
- ➔ Eligible for Performance Recognition
 - AR-G Recognition
 - Mission: Lifeline Recognition
- ➔ QI requirement for The Society of Chest Pain Centers

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Benefits of AR-G Participation(con't)

- ➔ Robust benchmarking
 - 550 hospital membership
 - 155,000 patients
- ➔ Networking and best-practice sharing opportunities
- ➔ Data collection options
 - Web-based and multi-vendor option allows more flexibility
 - Potential reduction in duplicating data entry
 - Premier and Limited Forms

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AR-G Data Collection Options

Premier	Limited
	
5 pgs	3 pgs
<ul style="list-style-type: none"> • Approx 280 data elements • Uncomplicated/ave 100-150 • Complicated 150-200 • NonPCI center 100 	<ul style="list-style-type: none"> • Approx 140 data elements • Uncomplicated/ave 60-80 • Complicated 8-100 • NonPCI center 60

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AR-G Mission: Lifeline Reports

- ➔ Mission: Lifeline Composite Score and Individual Achievement & Reporting Measures
- ➔ Additional Data Elements Reporting
 - Key process times
 - Types of reperfusion
 - Clinical Events
- ➔ Timeline Process Graphs
- ➔ Sample reports online at heart.org/missionlifeline

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For Additional Information on AR-G

www.heart.org

- Sample of free data tool
- Sample hospital reports
- FAQ
- Phone-800-257-4737

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Mission: Lifeline Hospital Recognition Program



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Mission: Lifeline Recognition Program

- ➔ Referral and Receiving Center Recognition Programs were launched in October 2009.
- ➔ EMS Program is estimated to be available in 12 months.
- ➔ Systems Program is also estimated to be available in 12 months.
- ➔ Program measures at www.heart.org/missionlifeline
- ➔ Limited to STEMI patients

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Benefits of Mission: Lifeline Recognition



- ➔ Hospitals will be recognized in US news and World Report as well as in a Recognition Reception 2010 at AHA Sessions 2010.
- ➔ The award is granted for approximately one year. Hospitals will also be given branding guidelines for the use of the award icon.

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Mission: Lifeline Recognition Criteria

All areas must achieve the following:


- ➔ 85% or greater composite score with no single measure below 75% on the following achievement measures for specified periods of time
- ➔ Bronze = 90 consecutive days,
Silver = 12 consecutive months,
Gold = 24 or more consecutive months
- ➔ Annual award period for consideration = January - December
- ➔ Annual award submission period = January 1st - March 31 following year

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Mission: Lifeline Hospital Steps For Recognition

- ➔ STEP 1: Sign contract with ACTION Registry - GWTG
- ➔ STEP 2: Meet the benchmarks for all of the Mission: Lifeline Performance Measures for a given period of time.



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Mission: Lifeline Hospital Steps For Recognition (con't)

- ➔ STEP 3: Meet patient volume requirements
 - 10 STEMI Patients w/in Qtr = qualify for Bronze
 - OR - If volume insufficient for Qtr - Total STEMI volume for one year = qualify for Silver
- ➔ STEP 4: Refer to ACTION Registry- GWTG quarterly reports that are provided to your hospital from NCDR
- ➔ STEP 5: Check to see if your performance measures meet at least 75% or above per measure AND 85% or above for the composite score for all measures.

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Mission: Lifeline Hospital Steps For Recognition (con't)

- ➔ STEP 7: After the hospital submits the electronic application, the application will be reviewed, verified and approved by the AHA. All recognized hospitals will be notified by American Heart Association staff.



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COMING SOON... Mission: Lifeline System CERTIFICATION Program

- Recommended certification criteria has been released (www.americanheart.org/missionlifeline)
- System certification will be dependent on measures by the STEMI System as a whole, EMS, as well as STEMI Receiving and Referral hospitals.
- Currently in discussions with national accrediting organizations like The Joint Commission
- Expect program to be rolled out in the next 12 months

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QUESTIONS?