Enhancing Pre-Hospital Outcomes for Cardiac Arrest (EPOC)

Mahshid Abir, MD, MSc
Brahmajee Nallamothu, MD, MPH
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EPOC

• Funded by the National Heart Lung and Blood Institute (NHLBI)
• Partnership between U-M and RAND Corporation with study team members from other institutions and organizations
• Four-year project
• Uses mixed quantitative-qualitative methodology
Where you experience cardiac arrest should not matter.

5-15% variation in OHCA survival among a sample of MI communities

5% Closing the gap in OHCA survival among MI communities
Best Practices for Cardiac Arrest Care

EPOC: Closing the OHCA Survival Gap Using a System of Care Approach

Public Health

EMS System

Public Safety: Fire, Police

Healthcare: EMS Agencies, Hospitals
Aim 1. Identify variation in OHCA survival among EMS agencies and communities through analysis of MI-CARES data.

Aim 2. Define system of care ‘best practices’ for OHCA survival through site visits to 8 communities across the state.
Aim 3.

a) Validate system of care factors associated with OHCA survival through a statewide survey of EMS agencies

b) Develop the EPOC Toolkit of best practices for OHCA care

EPOC Timeline

- Year 1—Analysis of CARES data and site visit pilot
- Year 2—Recruiting communities for site visits
QUESTIONS?