ACUTE CARE RESEARCH UNIT
UNIVERSITY OF MICHIGAN

RAND CORPORATION

NIH National Heart, Lung, and Blood Institute

Enhancing Pre-Hospital Outcomes for Cardiac Arrest (EPOC)

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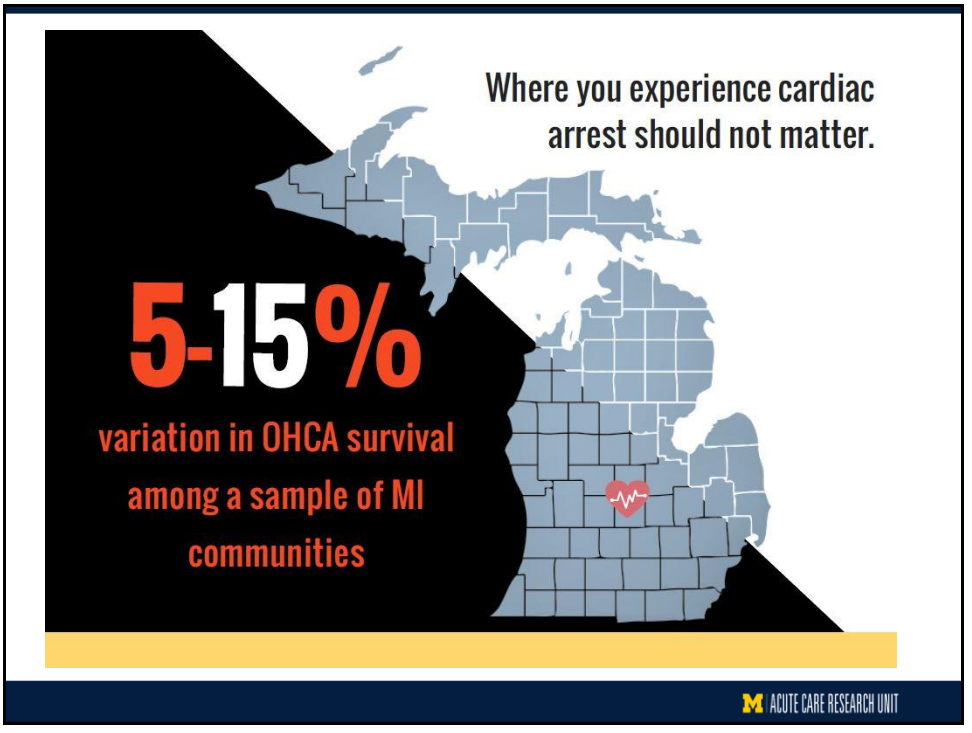
EPOC

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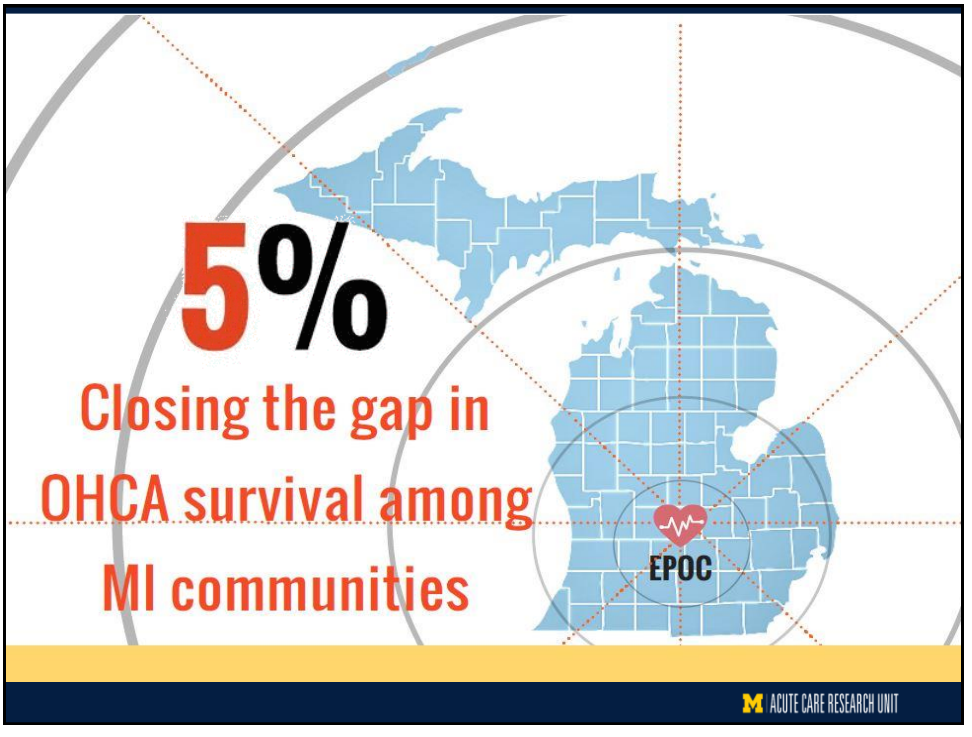
5%
Closing the gap in OHCA survival among MI communities
EPOC
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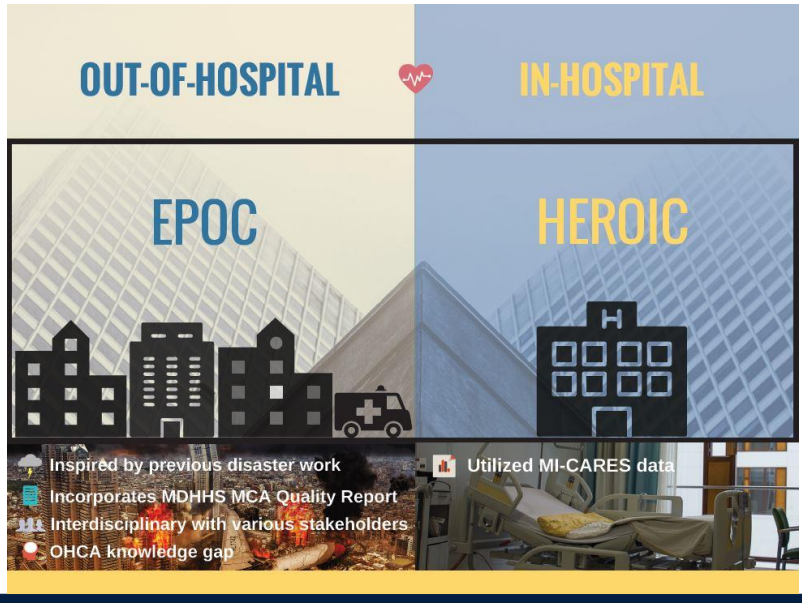
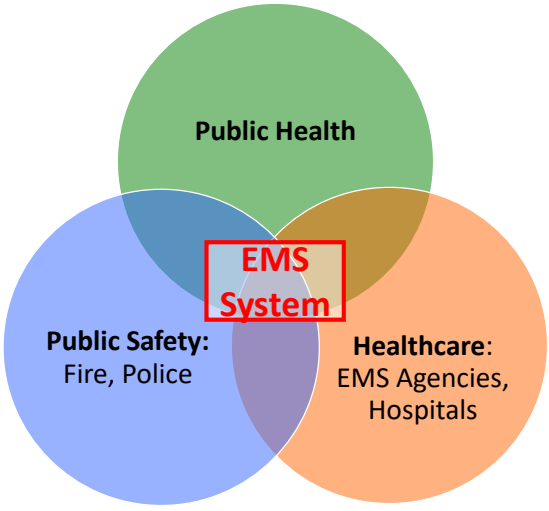
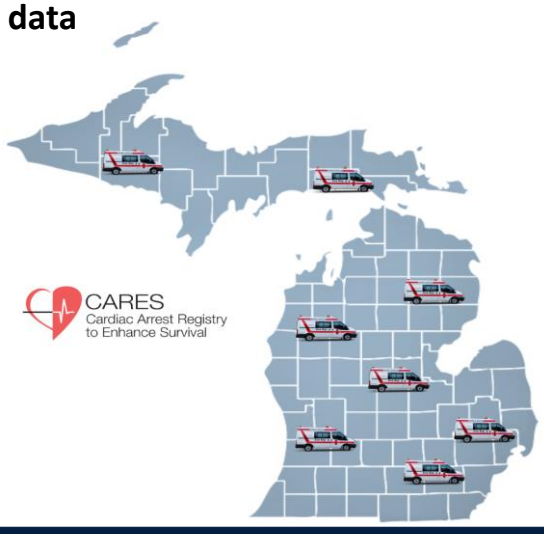
Best Practices for Cardiac Arrest Care



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



Aim 1. **Identify variation in OHCA survival among EMS agencies and communities through analysis of MI-CARES data**



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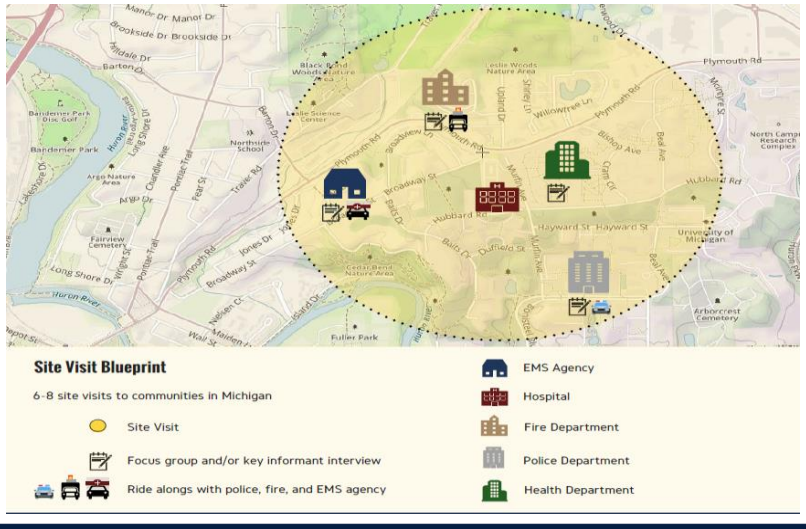
Aim 2. **Define system of care 'best practices' for OHCA survival through site visits to 8 communities across the state**



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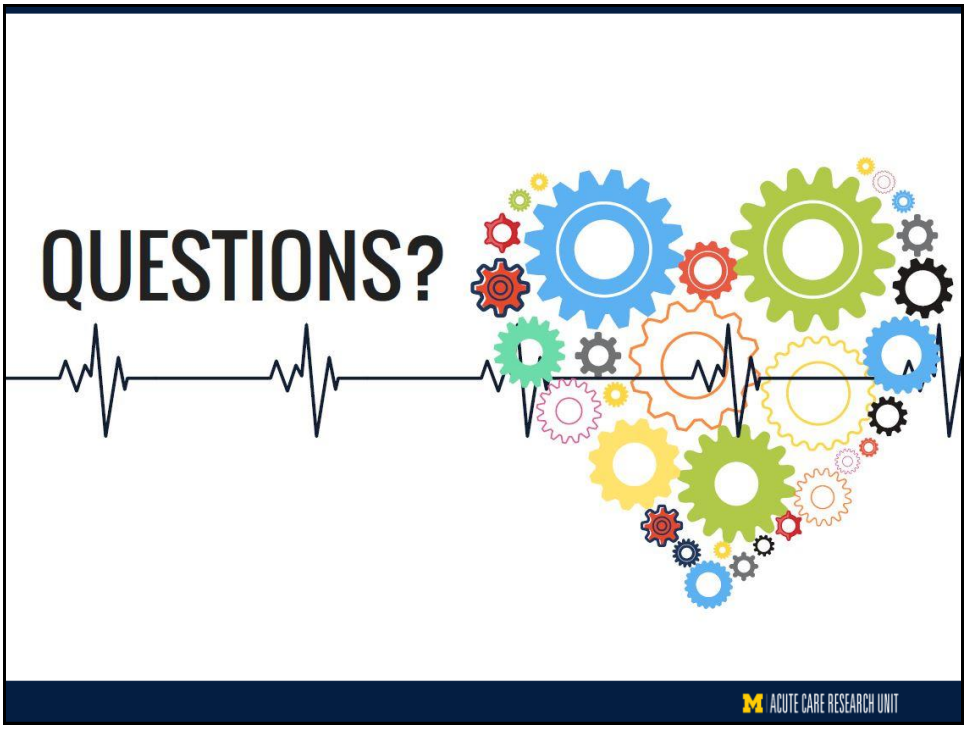
Aim 3.

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?
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