



ACUTE CARE RESEARCH UNIT
UNIVERSITY OF MICHIGAN



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

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Where you experience cardiac arrest should not matter.

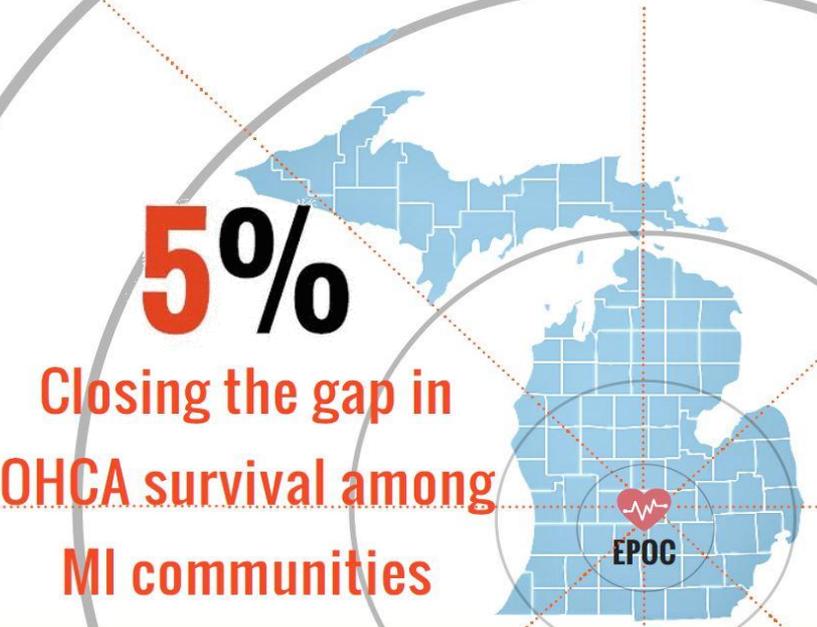
5-15%
variation in OHCA survival
among a sample of MI
communities



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This graphic features a map of Michigan divided into counties. A red heart with a white ECG line is positioned in the central part of the state. To the left of the map, a black silhouette of a person's head is shown in profile, facing right. The text '5-15%' is prominently displayed in large, bold letters, with '5-' in orange and '15%' in white. Below this, the text 'variation in OHCA survival among a sample of MI communities' is written in orange. The top right corner contains the text 'Where you experience cardiac arrest should not matter.' in black. The bottom right corner features the logo for 'M ACUTE CARE RESEARCH UNIT'.

5%
Closing the gap in
OHCA survival among
MI communities



EPOC

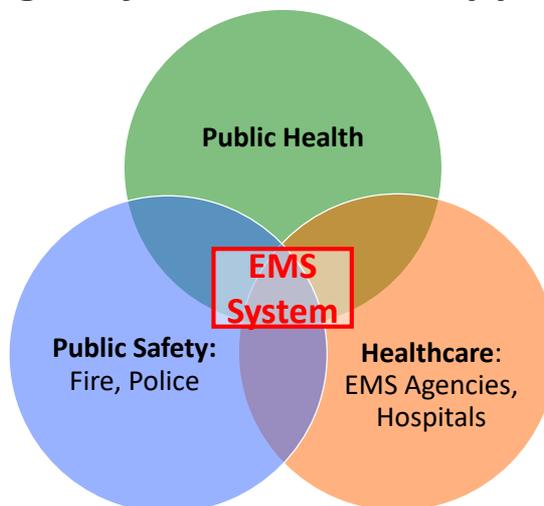
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This graphic features a map of Michigan divided into counties. A red heart with a white ECG line is positioned in the central part of the state. A circular target graphic with a dashed red border is centered over the heart icon. The text '5%' is prominently displayed in large, bold letters, with '5' in orange and '%' in black. Below this, the text 'Closing the gap in OHCA survival among MI communities' is written in orange. The word 'EPOC' is written in black below the heart icon. The bottom right corner features the logo for 'M ACUTE CARE RESEARCH UNIT'.

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**



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EPOC Timeline

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

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