IMPROVING CARDIAC ARREST CARE: DOOR TO DOOR CPR

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How do I get from there to here?
How do we increase bystander CPR?

Outcomes from out-of-hospital cardiac arrest in Detroit

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• DCAR - < 1% survival to discharge (2004)
• Joined CARES 2013
• Very low bystander CPR rate
• First Responder, EMS, Dispatch and Community all a focus
• MPDS – Hands only CPR option
• Targeted high risk areas, peer training
• FEMA Fire Prevention and Safety, Heart Rescue Grants
• WSU CUS, Americorp
• Automatic CARES Uploads started late 2016 (Safetypad)
• Bystander CPR 19% to 32%
• Survival 2013 3%, 2017 6.9%
• Targeted using data, Hands only, F & F kit, door to door
Using the Data

**Census Tract Risk in Detroit, MI**

- Low Risk (n=111)
- Intermediate Risk (n=14)
- High Risk (n=52)
- Hamtramck-No Detroit EMS Data
- Highland Park-No Detroit EMS Data
- No Cardiac Arrest Events

**Detroit, MI Mean Incidence of Cardiac Arrest**
- 5.15 per 10,000 people

**Detroit, MI Mean Bystander CPR Rate**
- 16.4%

**U.S. Mean Bystander CPR Rate**
- 40.8%

Intermediate Risk: Incidence of Cardiac Arrest > 5.15 per 10,000 people, Bystander CPR Rates > 16.4% but < 40.8%

High Risk: Incidence of Cardiac Arrest > 5.15 per 10,000 people, Bystander CPR Rates < 16.4%
• Manikin inflable de RCP
• Video
• Show video
• Practice with Friends and Family
• Put initials on form, take a picture and text or email form so we know you are using the kit
• TEACH MORE PEOPLE

USANDO EL KIT
• Maniquí inflable de RCP
• Video
• Ensene el video
• Practique con familia y familiares
• Pon sus iniciales en el formulario, tome una foto y mande un texto o correo electrónico a nosotros para que sepamos que estas usando el kit.

• COMPARETE SU CONOCIMIENTO CON OTRAS PERSONAS
In 1805, a terrible fire swept through Detroit, consuming the entire city. Father Gabriel Richard was among the survivors, and penned the City’s motto: “Speramus Meliora; Resurget Cineribus,” “We hope for better things; it shall arise from the ashes.”