

PLANNING A CARDIAC ARREST QUALITY IMPROVEMENT COLLABORATIVE



#CCPRFSummit2023

WELCOME

Disclosures

disclosure

noun

dis·clo·sure dis-'klō-zhər

Synonyms of disclosure

1: the act or an instance of disclosing : **EXPOSURE**

2: something disclosed : **REVELATION**

What to Expect

A close-up, low-angle shot of a clock face. The clock has a silver-colored metal rim and a white dial with black tick marks. The hands are black with a red stripe. The text "TIME IS RUNNING OUT!" is superimposed on the clock face. "TIME IS" is in black, and "RUNNING OUT!" is in large, bold, red letters with a white outline and a slight shadow.

**TIME IS
RUNNING OUT!**

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Sudden Cardiac Arrest: A Community Issue



Communities desire to improve survival from sudden cardiac arrest but are often daunted by the complexities associated with developing a plan to achieve improved outcomes following sudden cardiac arrest. This session will serve as an introduction to a framework for designing an effective community-based and collaborative approach to improving cardiac arrest survival.

Ideal Community



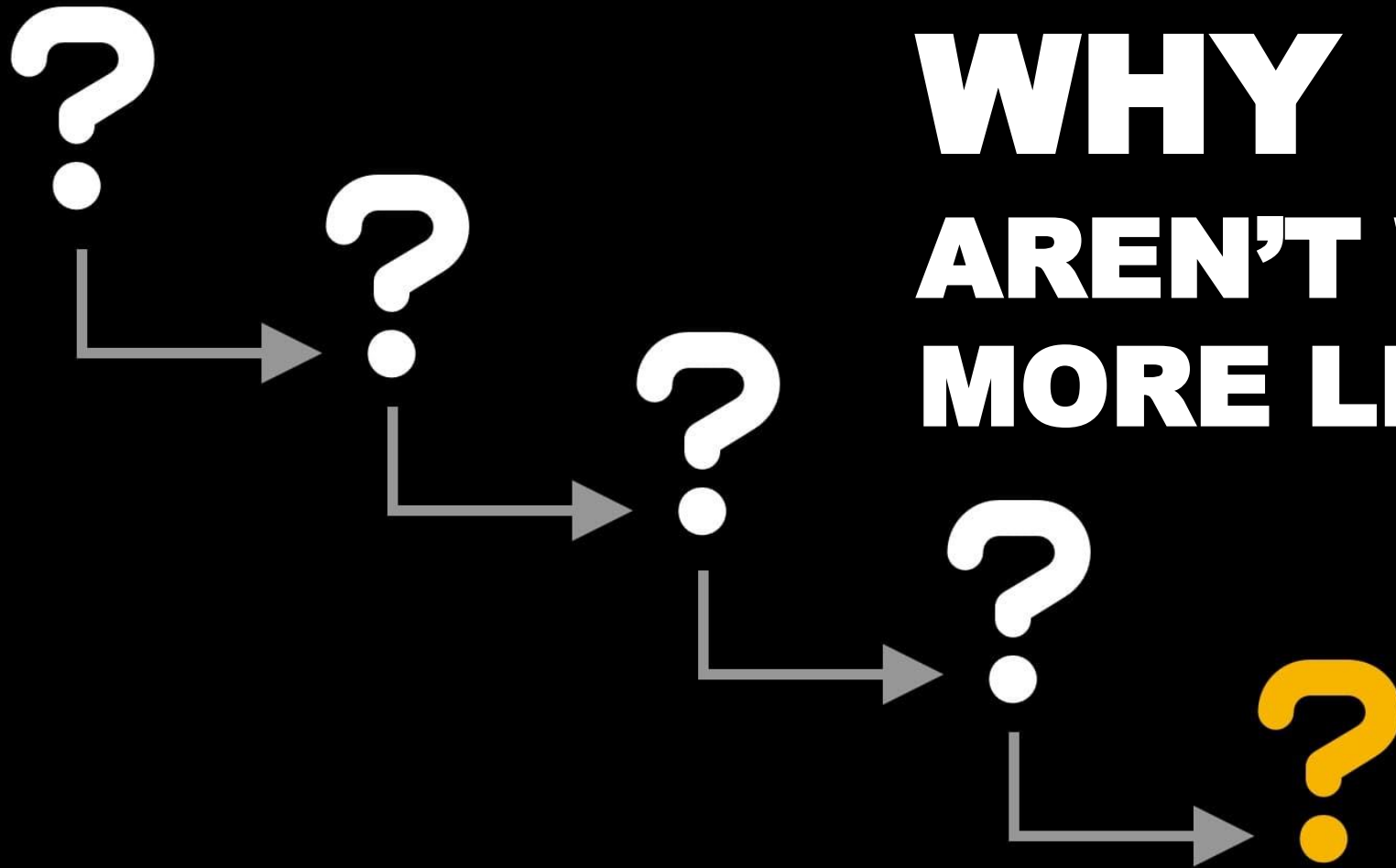
Ideal Community Characteristics Table

- Recognizes the significant threat and impact of sudden cardiac arrest, has made it a localized public health priority and takes aggressive measures to improve preparation, improve recognition, improve response, improve the quality of care rendered by first responders and the EMS system.
- Has committed in an official capacity to the formation and support of a task advisory group dedicated to the issue of cardiac arrest.
- Uses their EMS system to lead and coordinate efforts related to cardiac arrest outcome improvement.
- Collects and utilizes data to develop, measure and support localized strategies.
- Offers extensive public education in recognizing and responding to sudden cardiac arrest.
- Embraces the notion that performing immediate lifesaving measures is a civic duty and moral obligation.
- Values citizen or TRYSTANDER actions and provides recognition for those who render aid to others in their critical time of need.
- Develops and implements strategies for the strategic placement of automated external defibrillators and makes them accessible on a 24/7 basis whenever and wherever possible.
- Has instituted telephone guided TRYSTANDER CPR and has an AED registry that is integrated with the 911 system.
- Fosters the development of effective emergency action plans for households, businesses, schools and public venues.
- Conducts periodic multi-party/multi-agency cardiac arrest drills to validate the effectiveness of response and identifies areas needing improvement on a regular and ongoing basis.
- Equips, trains and supports first responder rapid defibrillation strategies including equipment, effective protocols, medical direction and post-event debriefing including arrest event reconstruction including review of all available data.
- Supports the development and practice of high-performance CPR in their EMS system as well as in their receiving hospitals.
- Shares publically cardiac arrest progress reports that include bystander CPR and AED utilization rates as well as outcome data on a regular and ongoing basis.
- Has instituted primary and secondary prevention strategies aimed at improving the population's cardiovascular health.

Ask "Why?"

WHY

AREN'T WE SAVING MORE LIVES?



True solution can
be found here.

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Secret to Success

DATELINE:

*SECRETS
UNCOVERED*



FORMAT



OBJECTIVE

STRATEGY



COLLABORATION

Action Plan



IMPLEMENTATION



SCHEDULE



ACT

EXAMPLE

2023

Every battle is won
B E F O R E
it is fought.

SUN TZU
"THE ART OF WAR"



The Institute of Medicine Recommendations

2023

2015 IOM Report

Strategies to Improve Cardiac Arrest Survival: A Time to Act Recommendations

1. Establish a national cardiac arrest registry
2. Foster a culture of action through public awareness and training
3. Enhance the capabilities and performance of EMS systems
4. Set national accreditation standards related to cardiac arrest
5. Adopt continuous quality improvement programs
6. Accelerate research and translation of science for cardiac arrest
7. Accelerate research on the evaluation and adoption of therapies
8. Create a national cardiac arrest collaborative

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Plan Nationally and Implement Locally

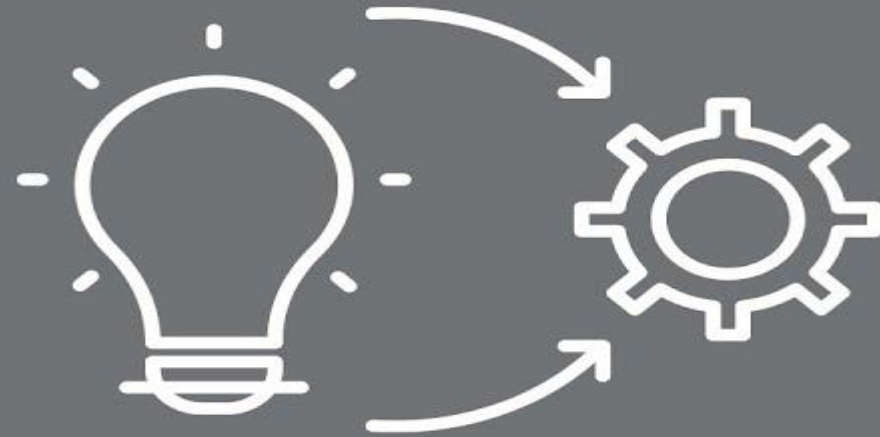


Core Community Strategies

SIX CORE COMMUNITY STRATEGIES TO SUPPORT IOM RECOMMENDATIONS

1. Strengthen local stakeholder collaboration
2. Encourage data collection, analysis and dissemination
3. Facilitate implementation of lifesaving strategies
4. Promote public education and training
5. Improve delivery of high-quality resuscitation and post-arrest care
6. Enhance the impact of cardiac arrest therapies

Strategy Implementation



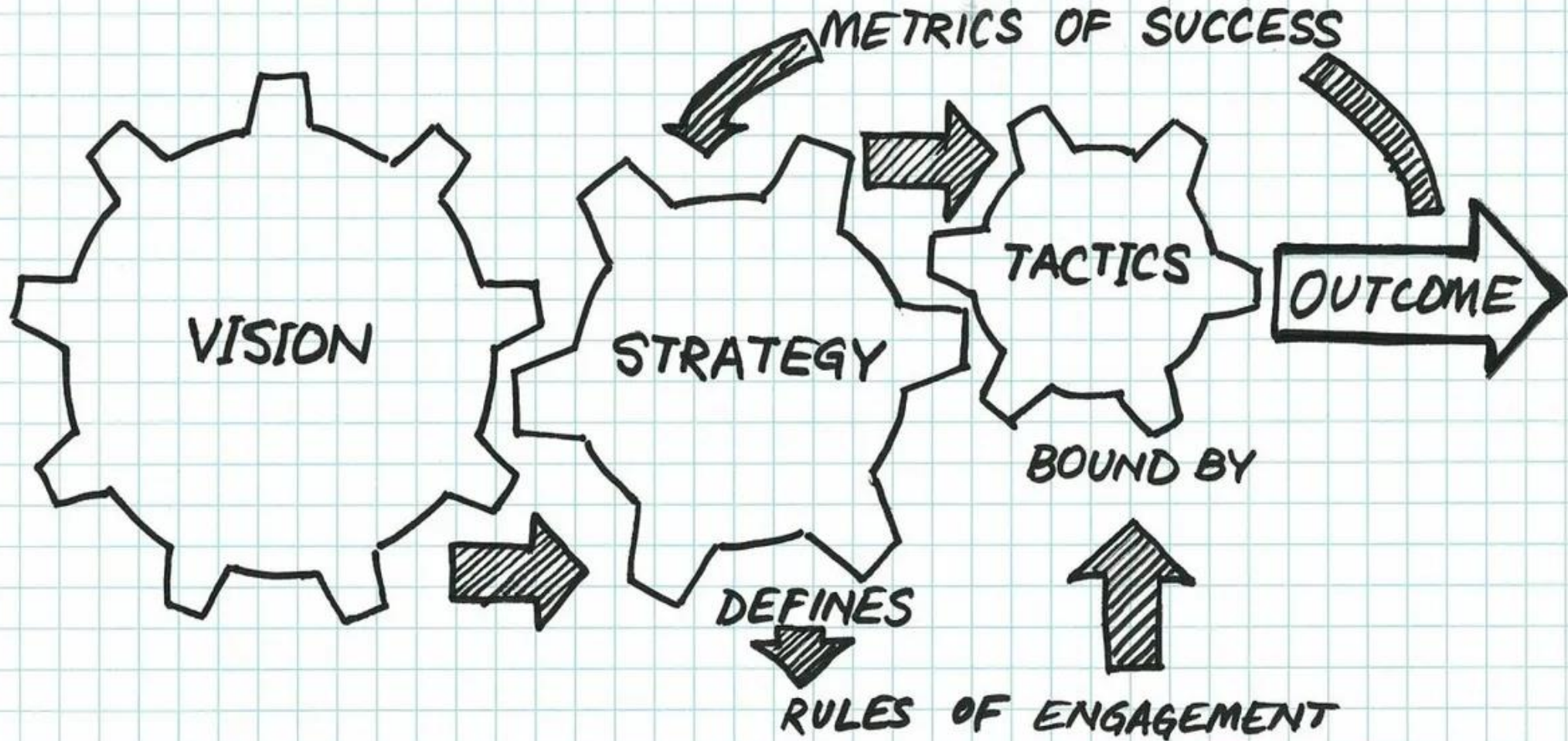
TAC·TI·CAL

taktək(ə)l/

OF OR RELATING TO SMALL-SCALE ACTIONS
SERVING A LARGER PURPOSE

The Dynamic Duo: Strategies and Tactics

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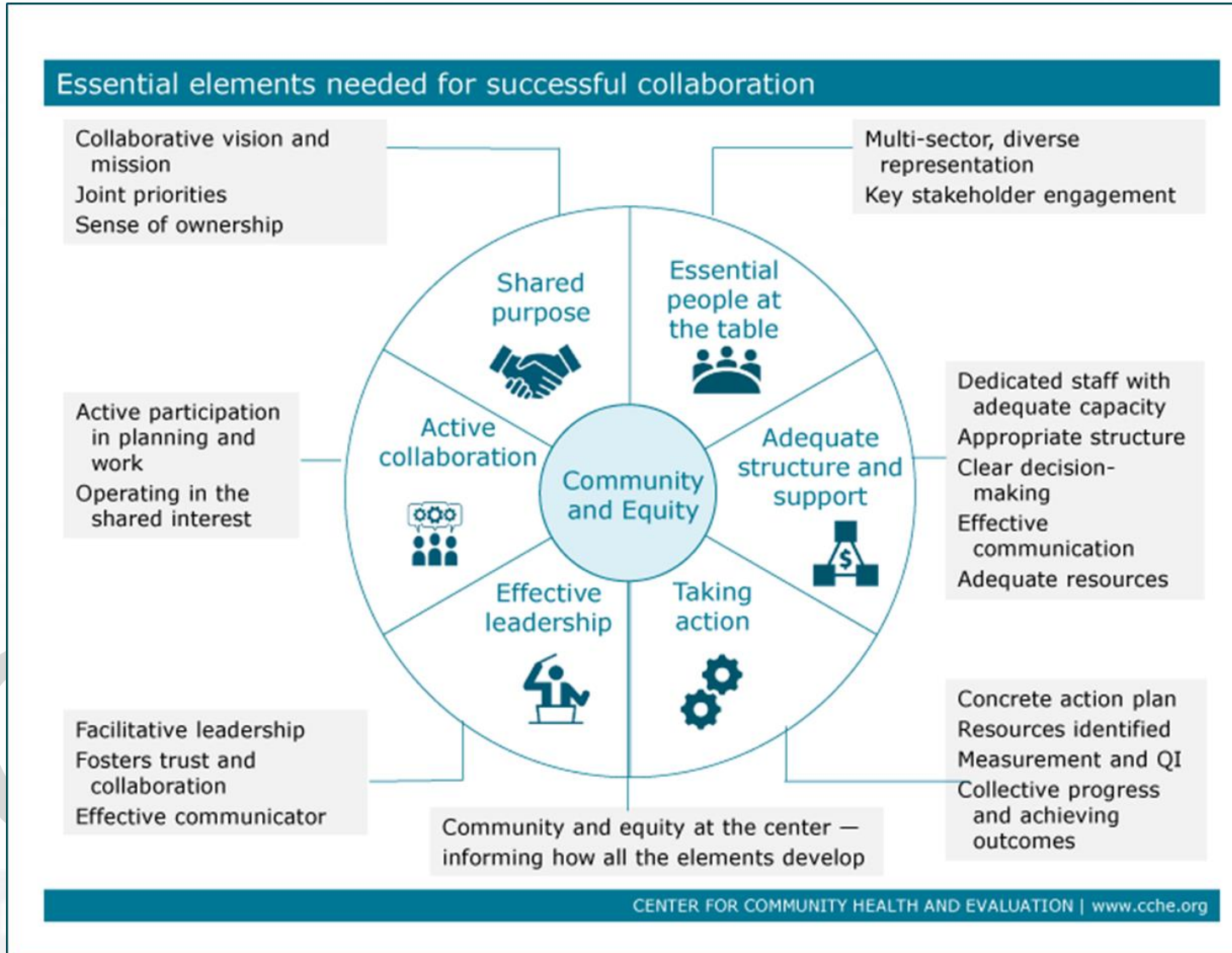


Blueprint for Improving Survival

WHAT'S
YOUR
PLAN



Community Based Cardiac Arrest QI Collaboration



Collaboration: An Absolute Essential

"Three humble shoemakers brainstorming will make a great statesman."

We can all achieve great things by virtue of own talent and intelligence.

However, we can surpass ourselves and accomplish far more astounding things, when we have like-minded people by our side.

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High-Performing Team

23

**INDIVIDUALS
PLAY THE GAME**

**BUT TEAMS
BEAT THE ODDS**

CA

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13

TACTICS

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**CARDIAC ARREST
SURVIVAL
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High-Performing Team



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Measuring - Use of Data

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Citizen Training



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Recognizing Actions





Empowering: Rescuer Mindset



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T-CPR and T-AED

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ERPs and Simulations

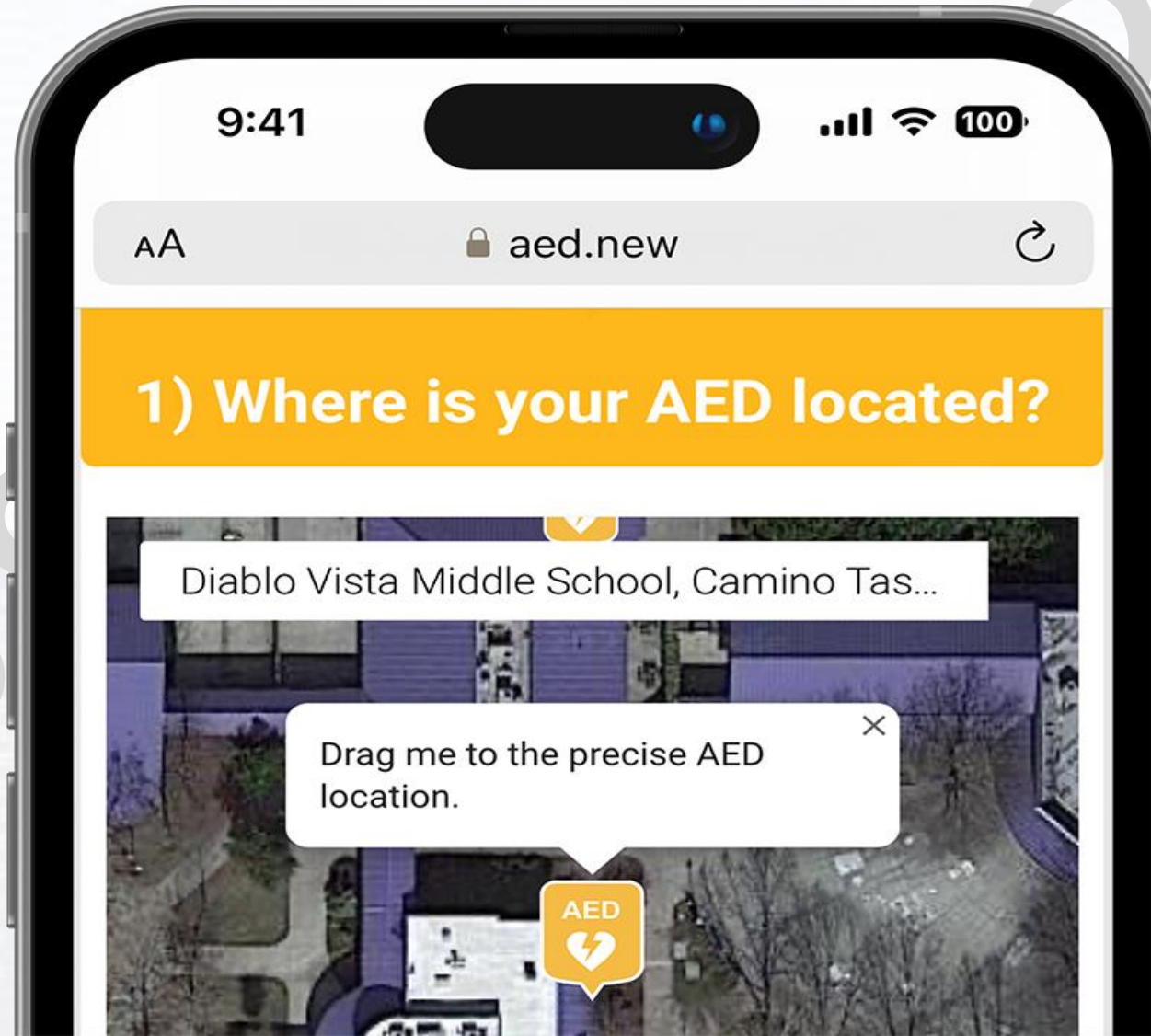


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Strategic Placement and 24/7 Access



911 Integrated AED Registries



CAS

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First Responder Defibrillation



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High-Performance CPR



The Evolution of Quality CPR

What Exactly IS High-Performance, Anyway?

Quality Improvement and Public Reporting



<https://county.milwaukee.gov/EN/Office-of-Emergency-Management/EMS/Data-Analytics/Cardiac-Arrest>



MILWAUKEE COUNTY
Office of Emergency
Management



Milwaukee County

How Do I...

Our County

Residents

Businesses

News & Events

HOW DOES OEM

HOW DO I

HOW'S THE SYSTEM?

EMS



Cardiac Arrest Knowing How to Respond

Home > Office of Emergency Management > EMS > Data Analytics > Cardiac Arrest



About the Data

The cardiac arrest dashboard reports the number of out-of-hospital sudden cardiac arrests that occur from a medical nature in Milwaukee County each year. Cardiac arrest occurs when the heart suddenly stops beating due to a lethal heart rhythm. Without immediate treatment, cardiac arrest can lead to death within minutes. Bystanders who witness a cardiac arrest or find a person who has arrested can increase the chances of survival by immediately calling 911, beginning CPR, and applying an AED, if one is available. Knowing how to respond to an emergency, such as cardiac arrest, can save a life.

Cardiac Arrest Dashboard

Language translation
coming soon



Event Characteristics

Bystander Intervention

Patient Outcomes

Data Notes & Resources

Primary and Secondary Wellness and Prevention



2023

- Disease prevention
- Early identification and treatment to delay disease progression
- Create a safety net for those who need rescue.



RESOURCES



TEACHING COACHING
SKILL DISCOVER
TEACHER INFORMATION
MEDICAL INFORMATION
LEARNING STRATEGIES
INSTRUCTION
COLLEGE EDUCATIONAL TRAINING
SOLUTION
GOAL
SUCCESSFUL
SCHOOL
PROJECT
PLAN

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Quick Start!

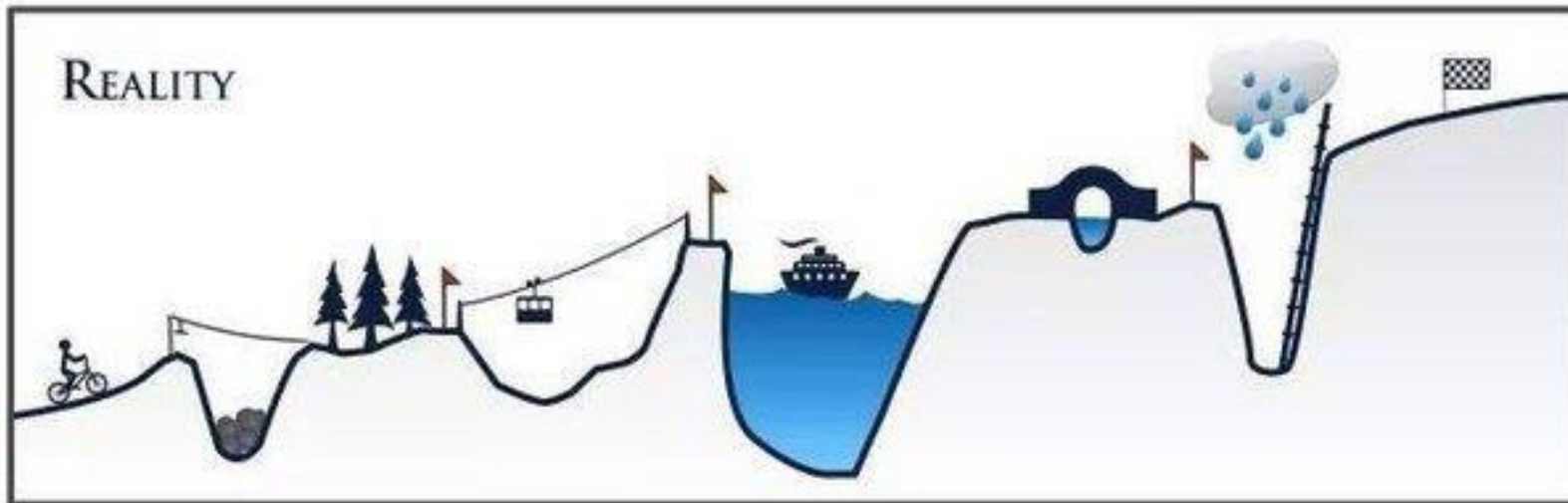


Quick Start Guide to Implementation

- 1.** Become familiar with the HEARTSafe concept, strategies and tactics by watching the orientation video and review of the 13 action tactics outlined in the SELF-ASSESSMENT AND PROJECT PROGRESSION TRACKING AND SCORESHEET.
- 2.** Identify a lead agency and begin forming the membership for your task force. Start with core team members and recruit others on an as needed and ongoing basis.
- 3.** Establish the need and achieve buy-in for a culture of action related to sudden cardiac arrest through education aimed at community and other leaders.
- 4.** Conduct a baseline assessment in your community and document your findings.
- 5.** Establish measurable priority actions and tactics, based on data collected during your baseline assessment.
- 6.** Assign work to responsible teams with specific goals and suggested timelines for implementation.
- 7.** Meet regularly to assess measured progress and potential revision of actions and tactics.

Implementation Challenges

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CA



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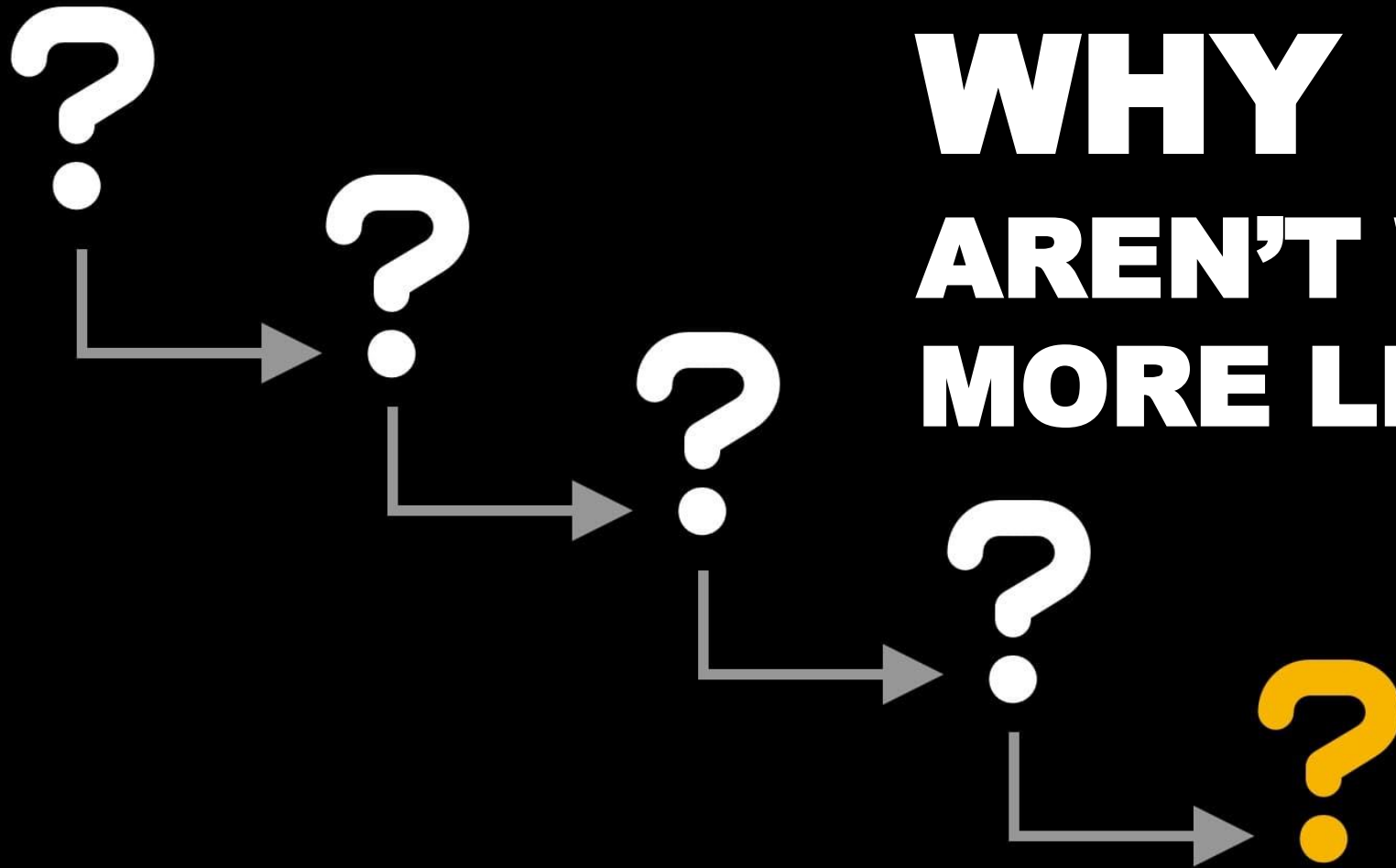
The Journey vs. Destination Designation



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Don't miss the Awards Announcement and Closing Ceremony

Saturday 12:35 – 1:00 PM

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SURVIVAL
SUMMIT**
CITIZEN CPR FOUNDATION



citizencpr.org

THANK YOU

