

# Colorado CARES Implementation Plan

**STARTING  
HEARTS**  
• Save More Lives •



**CARES**  
Cardiac Arrest Registry  
to Enhance Survival

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1

## The Cardiac Arrest Registry to Enhance Survival (CARES)

### What is CARES?

- CARES is a secure, easy to use web-based data management system.
- OHCA data is used to generate a variety of reports which include prehospital and hospital outcomes.
- CARES provides information to help guide benchmarking, quality assurance and quality improvement.
- CARES measures OHCA data across the spectrum of care for all forward-thinking, data-driven, evidence-based approach to improving survival from OHCA.
- Provides Bi-Annual Assessment Plans catered to agency, state, and RETACs.



2

# Colorado CARES

- 63% Colorado population coverage

**Total CARES Colorado Coverage:**

3,616,494

**Colorado State Population:**

5,695,564

**CO Current Participants Population Coverage**

**National CARES Data**

- Covers 153 Million people
- 27 Statewide Registries
- 1,800 EMS Agencies
- 2,200 Hospitals
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**RETACs**

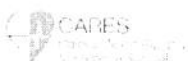


3

# Checklist



- Express interest in participation
  - Contact your state coordinator
- Identify a point of contact to oversee participation for your agency
- Determine method of data entry
  - Manual entry or ePCR upload
- Complete agency application
- Account Set-up
- EMS and Hospital Training
  - EMS and Hospital points of contact(s) schedule training with CARES State Coordinator
- Start Date Selection



4

# Two Data Entry Methods

## Direct Entry Online

Data can be entered anywhere there is internet access  
 Designated EMS contact abstracts ePCR  
 Auditing occurs in "real-time" as data is entered making the process very efficient



## ePCR Extraction

\*Agencies >10 records/month

CARES compliant vendors:

Physio-Control/HealthEMS

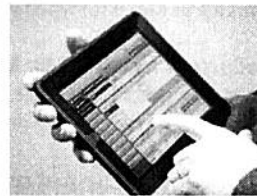
ImageTrend

Open/SafetyPad

ESO Solutions

AMR Meds

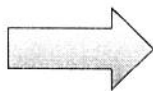
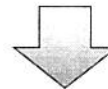
More ePCR details [here](#)



5

# Site Application & Account Setup

- Once participation is confirmed, agency completes short CARES Application
- The application pertains to the agency's infrastructure
  - Agency's data input method
  - First Responder and Hospital information
  - EMS/Hospital contact info
- A user account is set up by the state coordinator



6

## ePCR Upload Process

- CARES State Coordinator collects general information from the agency to understand if this a viable option
  - EMS agency's ePCR vendor
  - How long agency has utilized vendor
  - Vendor representative contact information
  - CARES call volume per month
    - ***CARES National requires a volume of greater than 10 cardiac arrests monthly to qualify for upload***
- If the agency satisfies requirements to work with CARES & valid vendor, they are approved to move forward with the setup process
- Introductory email and/or kick-off call is scheduled between CARES National, EMS agency/IT points of contact, and the ePCR vendor to discuss logistics for beta testing and/or the go-live process
- Please note: ePCR upload requires continuous oversight and auditing of data throughout participation from CARES State Coordinator



7

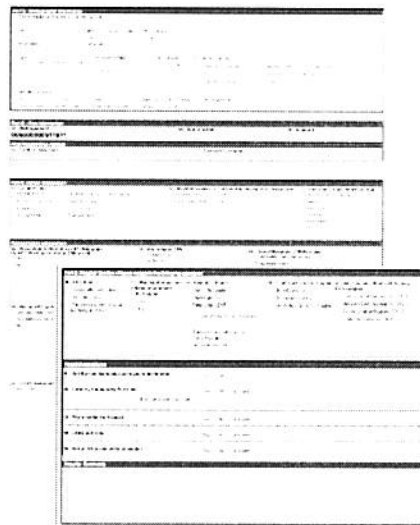
## EMS & Hospital Training

All EMS and hospital contacts receive formal training from the state coordinator

EMS and hospital training covers:

- Dashboard setup
- CARES form data entry
  - (required and supplemental fields)
- Customized search of patient data
- Audit Process
- Report generation
- User Access

Once training is complete, login will be provided



8

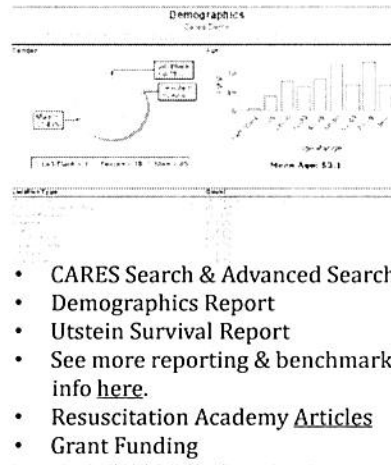
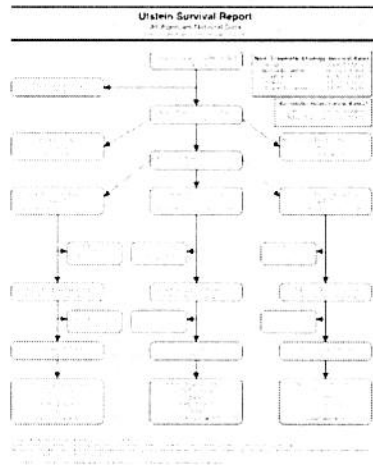
## Start Date & Participation

- Complete training and CARES discussion about appropriate start date for EMS agency and hospitals with the CARES State Coordinator.
- EMS agency and hospital data is audited on a monthly basis to ensure completion and accuracy (CARES State Coordinator).
- The agency and hospital points of contact can reach the CARES State Coordinator regarding audit data entry errors, report generation, and daily site concerns.
- Agencies are considered for national report inclusion once a full calendar year of data is complete for the agency.



9

## Reports & Benchmarking



- CARES Search & Advanced Search
- Demographics Report
- Utstein Survival Report
- See more reporting & benchmarking info [here](#).
- Resuscitation Academy [Articles](#)
- Grant Funding



10

# Upcoming Objectives

## What's next?

- Transition of CARES Facility Data (Done!)
- 2019 National Reporting Period Audits
- Data Reporting Committee Recruitment
- New Facility Onboarding
- CARES Future & Funding
- Starting Hearts Education & Outreach



11

# Starting Hearts



Defibrillator Placements  
Cumulative 2012 - 2018



Cumulative Trainings  
2011-2018



1  
Alan Himelfarb, Executive Director  
Starting Hearts CARES Annual Report  
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12