Colorado CARES
Implementation Plan

STARTING HEARTS
- Save More Lives -

CARES
Cardiac Arrest Registry to Enhance Survival

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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.
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

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
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

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
**ePCR Upload Process**

- CARES State Coordinator collects general information from the agency to understand if this is 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

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**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.
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.

Reports & Benchmarking

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

Starting Hearts

Defibrillator Placements Cumulative 2012 - 2018

Cumulative Trainings 2011-2018

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Starting Hearts CARES Annual Report
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