

Advanced Medical Transport of Central Illinois



AMT Service

- HQ- Peoria
- 5 Additional satellite offices
- CAAS Accredited
- Average 58,000 service requests/year
- Secondary Psap
- ALS 911 Response
- Interfacility- BLS, ALS, CCT, PHRN
- IPT
- United Way 211 Call Center
- Education and Training Center

Resuscitation History

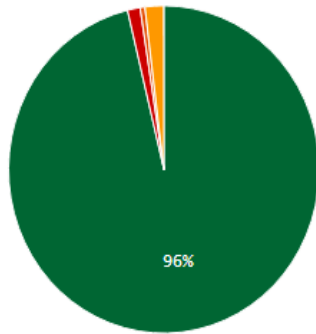
- Cardioreviver Program
 - Community AED and CPR Education Services
- Measured ROSC
- Did not track end outcomes
- Overhaul end of 2014

- October 2014
 - High Performance CPR
 - Concept Truck- LUCAS Equipped
- December 2014
 - CARES Reporting
- February 2015
 - Wide Spread LUCAS deployment
 - Cardiac Monitor Data Collection
- December 2015
 - Zoll X Series
- May 2016
 - ResQpod
- July 2016
 - Pulsepoint Launch



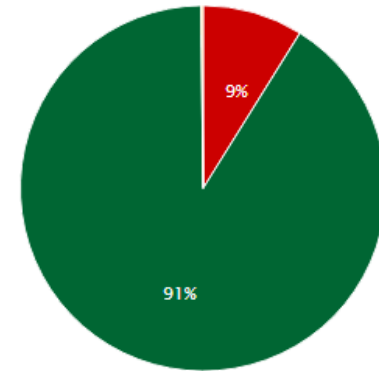
30,000
trained in CPR
650 AED's placed

Compression quality

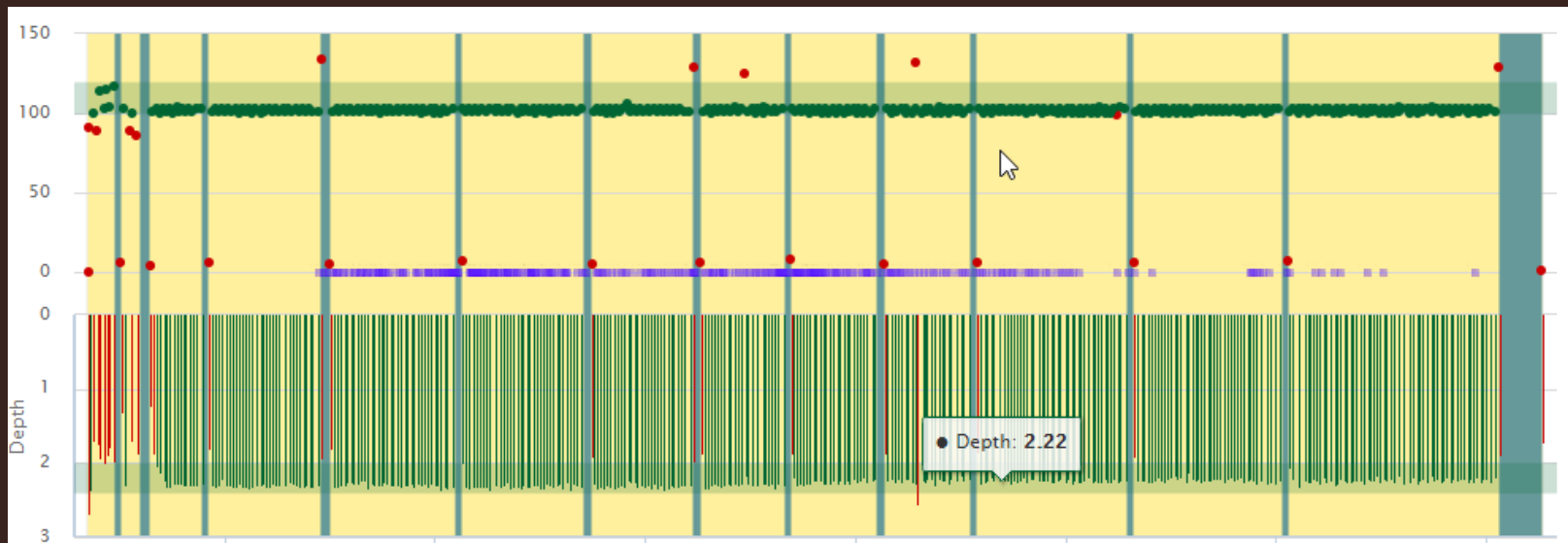


- Compressions in target – 96.24% (00:30:15)
- Depth and rate out of target – 1.32% (00:00:24)
- Rate out of target – 0.5% (00:00:09)
- Depth out of target – 1.94% (00:00:36)

Compression fraction



- Auto Calculated – 8.87% (00:03:04)
- Time with compressions – 90.94% (00:31:27)
- Insufficient rate – 0.19% (00:00:03)




Gap Analysis

- Be Truthful
- Be Ugly
- Recognize your areas of opportunity

Moving the Needle

- 2015 DATA
 - 191 Resuscitations Attempted (Cardiac)
 - Overall Survival- 10%
 - Utstein ROSC- 50%
 - Utstein Survival- 33%
- 2016 DATA
 - 227 Resuscitations Attempted (Cardiac)
 - Overall Survival- 10%
 - Utstein ROSC- 50%
 - Utstein Survival- 45%
 - Utstein with Bystander- 55%

Understanding the numbers

- 2015 CARES Data
- Utstein Cases- 28
- Field ROSC- 14
- Expired in Field- 2
- Expired in ED-9 
- Admitted- 17
- Expired- 8 
- Discharged- 9
- CPC 1 or 2-9

Area of Opportunity

- 2016 CARES Data
- Utstein Cases- 14
- Field ROSC- 7
- Expired in ED- 6
- Admitted- 8
- Expired- 1
- Discharged- 6
- CPC 1 or 2- 6



Measure Everything

Private Residence	61554	Yes	No	No	Arrest- Ineffective Breath	Yes	Yes	No	No
Private Residence	61604	No	Yes	No	Uncon-Alert/Abn breath	No	No	No	No
Private Residence	61554	No	Yes	No	Breathing Problems	No	No	No	No
Private Residence	61614	No	Yes	No	Arrest- Ineffective Breath	Yes	Yes	No	No
Private Residence	61603	No	Yes	No	Uncon- Effective Breathing	No	No	No	No
Street/Highway	61605	No	Yes	No	Traffic Accident	No	No	No	No
Place of Business	61615	Yes	No	No	Seizure	Yes	Yes	No	No
Private Residence	61554	No	Yes	No	Sick Person	No	No	No	No
Private Residence	61523	No	Yes	No	Uncon- Effective Breathing	No	No	No	No
Private Residence	61605	No	No	Yes	Breathing Problem	No	No	No	No
Street/Highway	61615	No	Yes	No	MVA Major Incident	No	No	No	No
Nursing Home	61615	No	Yes	No	Uncon-Agonal Breathing	No	Unknown	No	No
Private Residence	61614	No	Yes	No	Arrest- Not Breathing	No	No	No	No
Private Residence	61605	Yes	No	Yes	Breathing Problems				

**Dispatch: 10/70 Cardiac Arrest Calls
dispatched appropriately**

Ensuring Quality Care

- Every patient
- Every call
- All parts of the bundle