

Software Updates

- New Multi-Hospital Account (PAROS)
- Agency/Hospital Info exports
- Reports User Guide; Reports Webinars
- Addition of "Date Created" and "Date Last Saved" to exports

Report Updates

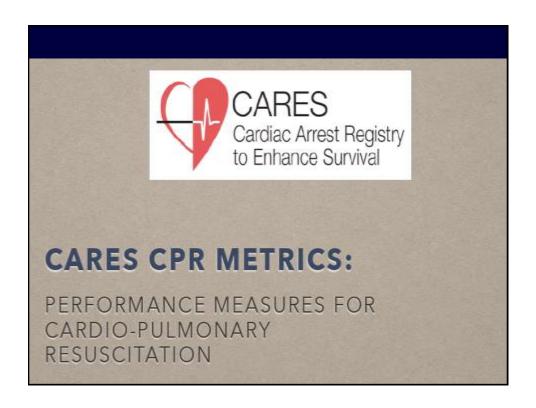
- Utstein Report
 - Added Bystander Intervention Rates
- Summary Report
 - Filter by Before/After EMS arrival
- Hospital Report
 - Filter by Direct from EMS or Transferred
- CAD Times Reports
 - Added National benchmarking group
- Filter all reports by First Responder
- Survival Report

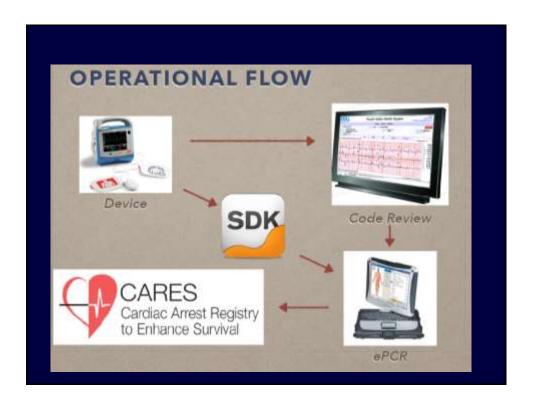
CARES Survival Report All Agencies/National Data Serves Date From Utital Travagh (D1118 (Nov Traumass Energy)					
	9		OVERALL N = 3524	.595 /1W/I	990000
Total .	Total N (%)	ROSC (NA TOROUGH N	Servivel to hospital admission (%)	Survivel to hospital discharge (%) 222.00 (E	Servival to chackarge with CPC 1 or 2 ³ fts
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Location of Armet	2402 (8) (6)	COR (29.9)	620 05 8	307 (7.7)	126 (5.2)
Alarwing Houne:	436 (12.4)	129 (29.4)	86 (19.7)	15(3.4)	8018
Public Switing	855 (18.6)	270 (41.2)	1952 (46) (6	120 (18.3)	107 (1436)
Arrest Witnesson Status	110002300	10000000	1000000000	5.92.01	8980
Unwitnessed	1798 (31.1)	309 (22.3)	332 (16.5)	70 (3.3)	42 (2.3)
Statement attraced	454 (12 II)	202 (44.7)	179 (39.4)	82 (16.3)	680 (N./s
At Ladona Assessed	494115.04	200 (44.7)	The domest.	82 (16.0)	60 (1473)
Bystokov CPR*	1,000,000,000	0.000190100	70.000.000	TI PRODUCT	-537×651-1
Bytania CPS	1942 (40.7)	406 (32.5)	368 (27.4)	123 (9.25	90 (0.7)
No Remode CPR	1726 00:30	MED (200 dt)	120 (24.0)	100,0025	75 (63)
Detector CPS recision names in resilenting a tacity ments	892 (28.0)	28 (33.4)	275 000 00	95 (10.7)	7182
No Systenday CPR (excludes oursing home/healthcure locally events)	1912 (94.4)	442 (27.4)	300 CM 61	112.00.06	72 (4.5)
	2000000		100000000000000000000000000000000000000	2-31-99	200
Stockster	46.011.030	201 (45.9)	291 (43.0)	162 (24.4)	189 (1972)
Non-shockable	2007 (81.2)	918 (20.0)	845 (25.9)	180 (5.0)	100 (0.6)
RED Use Destroins AFO uses	155-15 to	59 (39 1)	50 (34 3)	20 (10.1)	24 (15 3)
Systemic ALD user (well-don narring transferable and facility mental)	90.01	25 HT 25	26(49.7)	18 (34.0)	16(20.2)
Trained provider (First Responder) AED use	740 (212)	216 (29.2)	182 (24.4)	01 (8.2)	36 (4.6)
	1000000	5-00-5-5		5075550	GF-111
Witnessed and shockable	492 (13.1)	205 (50.4)	220 (49.4)	107 (29.7)	110.22.8
Particular witnessed and standards	399 (10 %	125 (17.4)	175 (62.4)	87 (20.3)	76 (20.5)
Northerns .	121613222	V2000 1940 04	ACMICANO.		
Taid lypoterns	474 (13.5)	343 (72.4)	200 (59.1)	83 (17.5)	52 (11.0)
In Respital hypotherma parang admitted pallerted	902 (51.4)		47.000	745 (20 B)	00 (19.7)

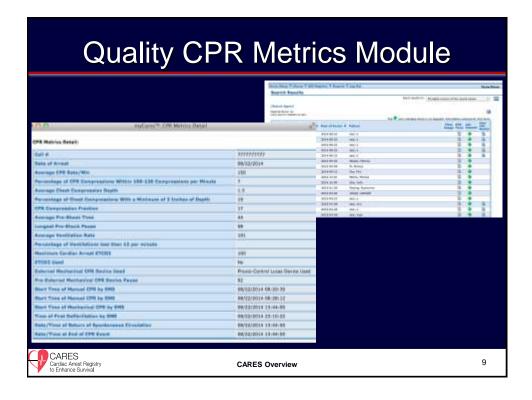
Software Development

- DA-CPR Module updates
 - Report
 - Grey out module if arrest was witnessed by 911 Responder
 - Updates to data dictionary and user guide
- TTM Module
 - Ability to export data as App Admin
 - Addition of "Date and time of ED arrival"
- Supplemental Hospital Elements
 - "Why was hypothermia not initiated/continued in the hospital?"
 - Medical Record Number
- Dashboard Report

CARES CHICA Agency Dashboard Report Agency Dashboard Report Agency Norte-XXXX Peter Concerns Indicators Peter Concerns Indicators Activity Indicators Peter Concerns Indicators







CPR Quality Metrics Module

- Developed XML file to accept device data on additional metrics that measure quality of CPR during an event
- Supplemental module
- Beta testing phase with XML exchange process of data from ePCR platform to CARES
- Will also allow for direct data entry online.



CARES Overview

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Recent CARES Publications

- Vyas A, Chan PS, Cram P, Nallamothu BK, McNally B, Girotra S. Early Coronary Angiography and Survival After Out-of-Hospital Cardiac Arrest. Circulation: Cardiovascular Intervention. 8(10):1-7 (2015).
- Jayaram N, McNally B, Tang F, Chan P. Survival After Out-of-Hospital Cardiac Arrest in Children. Journal of the American Heart Association. 4:1-8 (2015).
- Malta Hansen C, Kragholm K, Pearson DA, Tyson C, Monk L, Myers B, Nelson D, Dupre ME, Fosbøl EL, Jollis JG, Strauss B, Anderson ML, McNally B, Granger CB. Association of Bystander and First-Responder Intervention With Survival After Out-of-Hospital Cardiac Arrest in North Carolina, 2010-2013. *JAMA*. 314(3):255-64 (2015).
- Andersen LW, Bivens MJ, Giberson T, Giberson B, Mottley JL, Gautam S, Salciccioli JD, Cocchi MN, McNally B, Donnino MW. The relationship between age and outcome in out-of-hospital cardiac arrest patients. Resuscitation. S0300-9572(15)00218-X (2015).
- Girotra S, van Diepen S, Nallamothu BK, Carrel M, Vellano KM, Anderson ML, McNally B, Abella B, Sasson C, Chan PS. Regional Variation in Out-Of-Hospital Cardiac Arrest Survival in the United States. *Under Review*

Annual Meeting Registry Discussion

- CARES/PAROS –NAEMSP
- PAROS-ASEM
- EuReCA-ERC