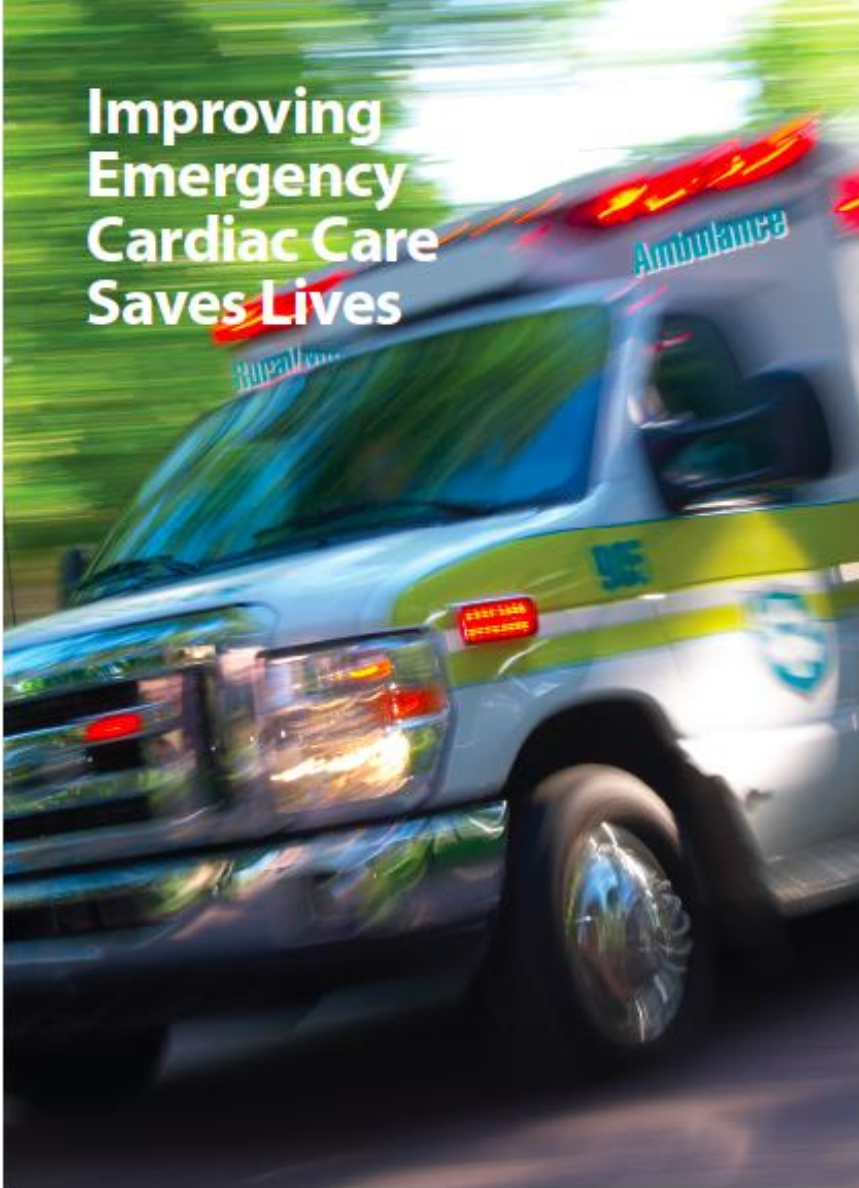


**Improving
Emergency
Cardiac Care
Saves Lives**



CARES
Cardiac Arrest Registry to Enhance Survival

National Center for Chronic Disease Prevention and Health Promotion
Division for Heart Disease and Stroke Prevention



PAROS Clinical Research Network

Improving Outcomes from Pre-hospital & Emergency Care across the Asia-Pacific Region



A Growing

Network *of*
**PRE-HOSPITAL &
EMERGENCY CARE**

Patients • Healthcare Providers • Data

PAROS server

- Two new virtual servers (beta and production) added by SCRI (Singapore Clinical Research Institute) with upgraded Operating Systems (Windows Server 2012 R2).
 - Live as of July 20th
- VPN set up for easier remote access by CARES/PAROS software developers.
- ePAROS application environment upgraded to Wildfly 10.1, Java 8, MySQL 5.7.

DA-CPR Module

- NEW DA-CPR Report
- Updated search for dispatch records
- Dashboard for unmatched dispatch records, allowing for matching to PAROS forms
- DA-CPR form greyed out if arrest witnessed by EMS/private ambulance
- Consolidated Dispatch Times into one cell in export

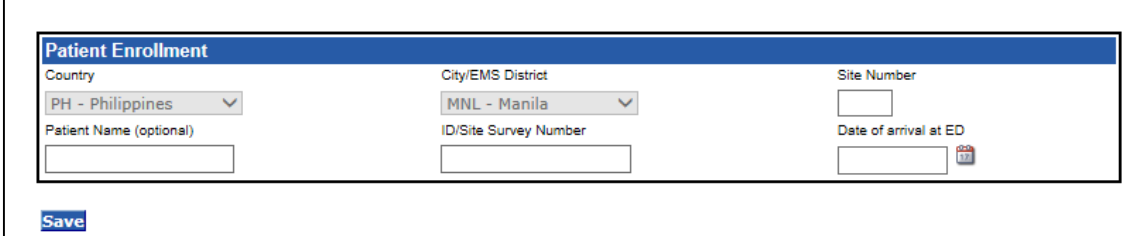
CARES Dispatcher Assisted-CPR Report		
<small>End of the Event: Dead in Field, Pronounced Dead in ED, Ongoing Resuscitation in ED Resuscitation Attempted by 911 Responder: Yes Presumed Cardiac Etiology, Respiratory/Asphyxia, Drowning/Submersion, Electrocution, Other, Drug Overdose, Exsanguination/Hemorrhage Service Date: From 1/1/15 Through 12/31/16</small>		
Characteristic	EMS Agency	National
Bystander CPR (Module-based)	N=203	N=4186
Bystander CPR with dispatcher assistance	62 (30.5%)	1483 (35.4%)
Bystander CPR without dispatcher assistance	38 (18.7%)	931 (22.2%)
Dispatcher CPR Instructions		
Dispatcher recognized need for CPR	132 (75.9%)	2740 (83.8%)
CPR instructions started	94 (52.8%)	2191 (70.1%)
CPR instructions refused	8 (8.2%)	187 (7.5%)
Compressions started	76 (45.8%)	1869 (57.5%)
Time Intervals		
Call receipt to CPR recognition	124	1558
Mean	02:00	01:38
Median	01:32	01:18
Call receipt to CPR instruction	91	1524
Mean	02:35	02:09
Median	02:04	01:52
Call receipt to first compression	71	1412
Mean	03:23	03:06
Median	03:00	02:53
Barriers to CPR		
	N=98	N=2479
Hang up phone	3 (3.1%)	77 (3.1%)
Language barrier	3 (3.1%)	58 (2.3%)
Difficult patient access	10 (10.2%)	186 (7.5%)
Caller left phone	13 (13.3%)	137 (5.5%)
Overly distraught	17 (17.3%)	247 (10.0%)
Caller refused	8 (8.2%)	187 (7.5%)
Couldn't move patient	35 (35.7%)	490 (19.8%)
Caller not with patient	20 (20.4%)	233 (9.4%)
Patient's status changed	12 (12.2%)	161 (6.5%)
Other	12 (12.2%)	780 (31.5%)
Not Applicable	2 (2.0%)	449 (18.1%)

Reports/Exports

- TTM Module
 - Ability to export TTM data at App Admin level
 - Fixes to time-related error flags
- New Reports/Exports
 - Validation Errors Report – *allows App Admins to view validation flags attached to PAROS records in aggregate*
 - User Activity Report – *allows App Admins to view all edit/save activity on records (including username, timestamp)*
 - Ability to view EMS agencies that transport to each hospital
 - Ability to export Hospital/Multi-Hospital User info
- Updates to existing Reports
 - Added Data Scope (My Data, Selected Data, Country Data) to EMS and CAD Times Reports
 - Updates to Utstein Report Neurological Outcome Ns

New Functionality and Updates

- Split PAROS form into 2 pages
- Ability to edit General/Hospital Comments text
- Enabled appropriate City selection on PAROS form
- Search page
 - Added Incident #/CAD field
 - Removed legacy answer choices
 - Italicized deleted Hospitals to denote inactive status
- Added column for “On Hold” on Search Results page
- Excel exports
 - Added “Date Created” and “Date Last Saved” columns
 - Removed Import Codes from Destination Hospital cells



The screenshot displays a web form titled "Patient Enrollment". It features three columns of input fields. The first column contains a "Country" dropdown menu with "PH - Philippines" selected and a "Patient Name (optional)" text input field. The second column contains a "City/EMS District" dropdown menu with "MNL - Manila" selected and an "ID/Site Survey Number" text input field. The third column contains a "Site Number" text input field and a "Date of arrival at ED" field with a calendar icon. A blue "Save" button is located at the bottom left of the form.

New Functionality and Updates cont.

- Bulletin functionality
- XML import functionality tested

CARES Bulletin Center

[Show Instructions]

GMT-04:00 Atlantic

Filter

Created: Last 90 Days From: 04/25/2017 To: 07/23/2017 Subject: Show Expired:

[New](#) [Clear](#) [Submit](#)

Recipient	Created	Valid Until	Subject	Read	Sent
▶ Gjerdahl, Tony	07/06/17 11:31	07/06/17 12:45	SAVE WORK AND LOG OUT BEFORE 10:45AM CST TODAY	No	Sent
▶ Mehta, Monica	07/06/17 11:31	07/06/17 12:45	SAVE WORK AND LOG OUT BEFORE 10:45AM CST TODAY	No	Sent
▶ Cares, Cares	07/06/17 11:31	07/06/17 12:45	SAVE WORK AND LOG OUT BEFORE 10:45AM CST TODAY	No	Sent

- Updates to login page, login query, and Forgot Password page
- Fixes:
 - Time out issue for India users
 - Log out issue for emulating users in Internet Explorer