

Chicago *CARES* about OHCA: 2018 Update



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2016 WORLD SERIES

CHICAGO CUBS WIN 1ST TITLE IN 108 YEARS

BEAT CLEVELAND INDIANS 8-7 IN 10 INNINGS IN GAME 7

TAMPA

8AM

69°



12PM

80°



4PM

85°



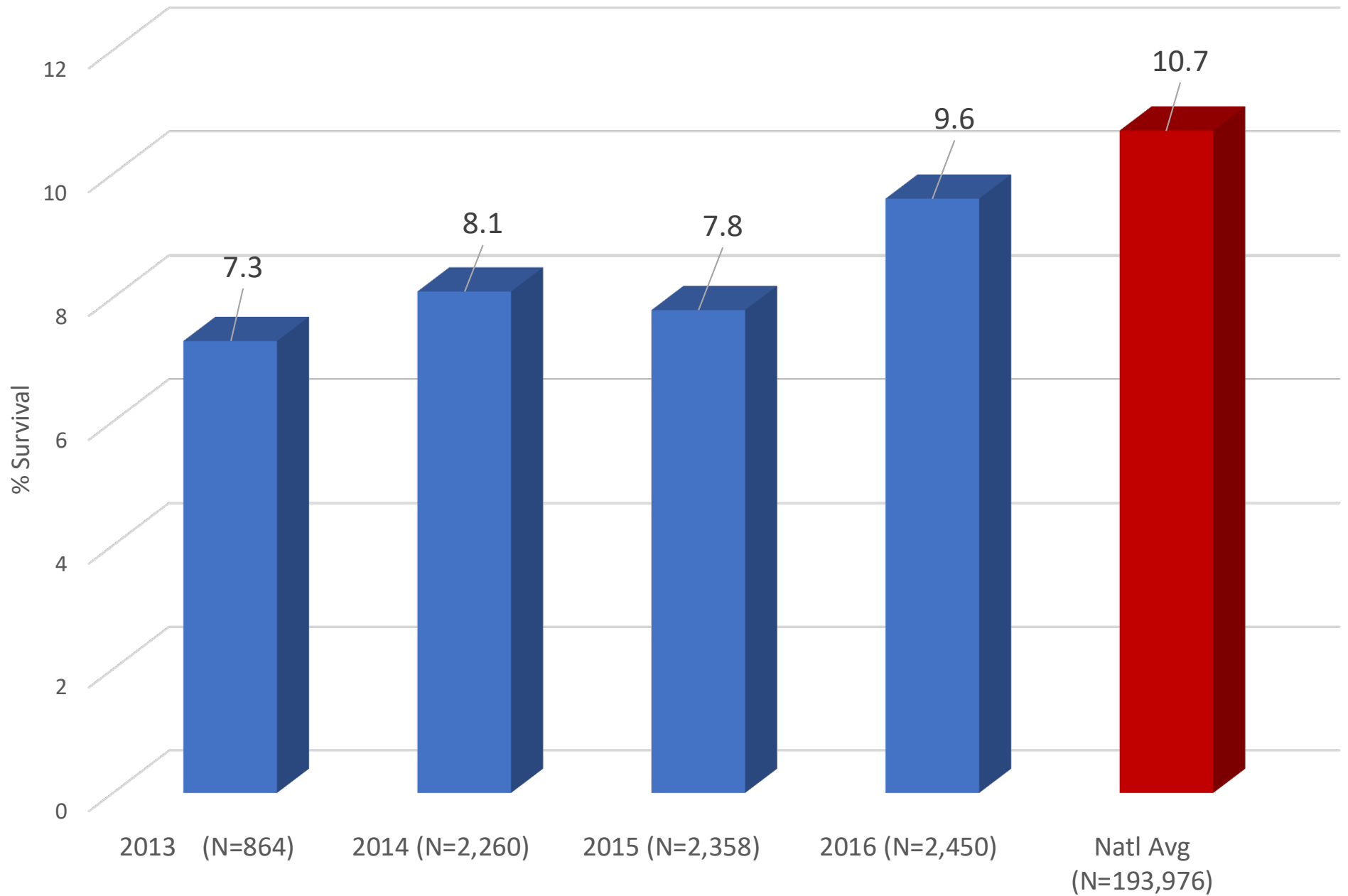
abc ACTION NEWS

6:39

69°

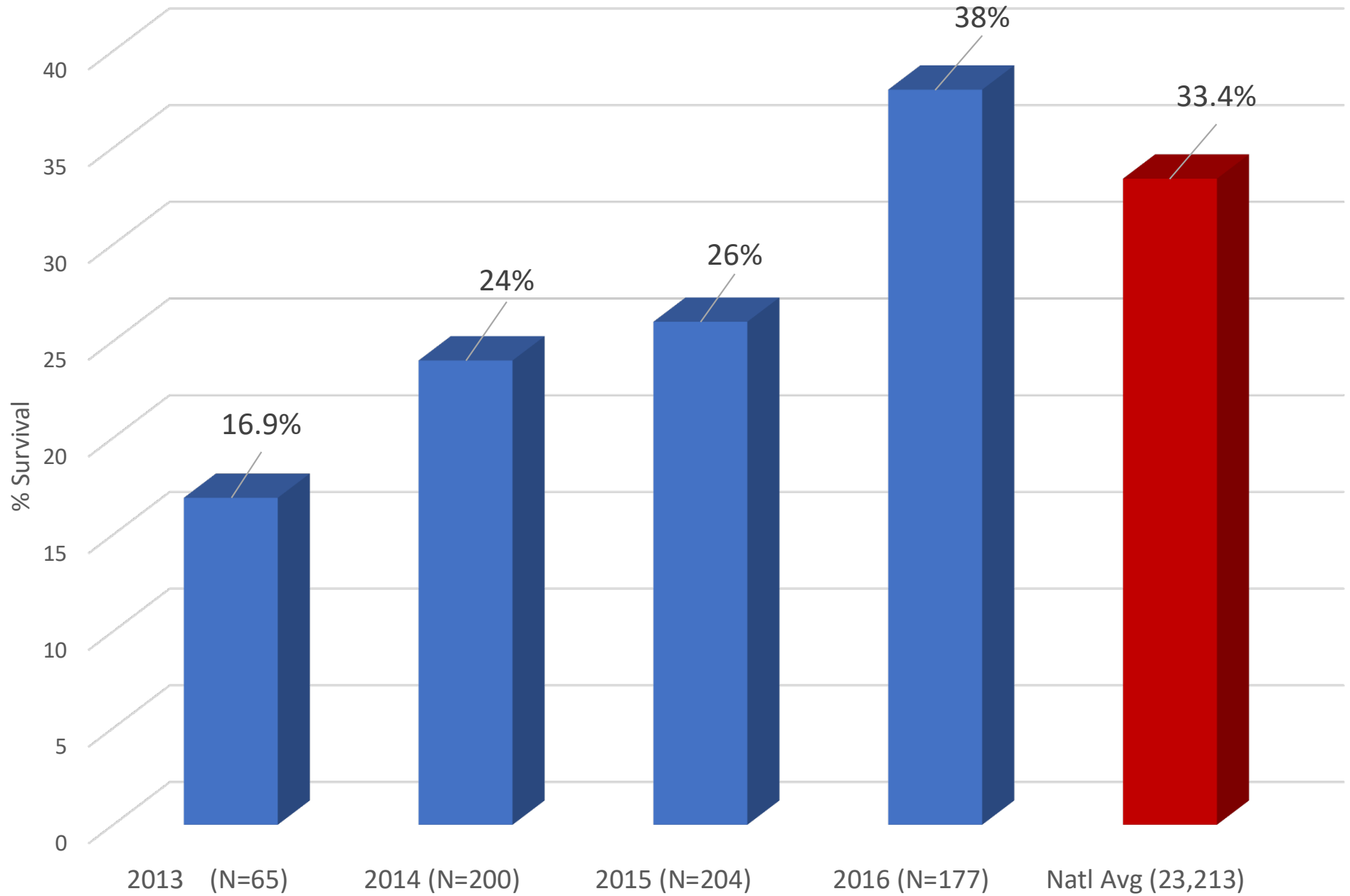


Overall Survival Rates



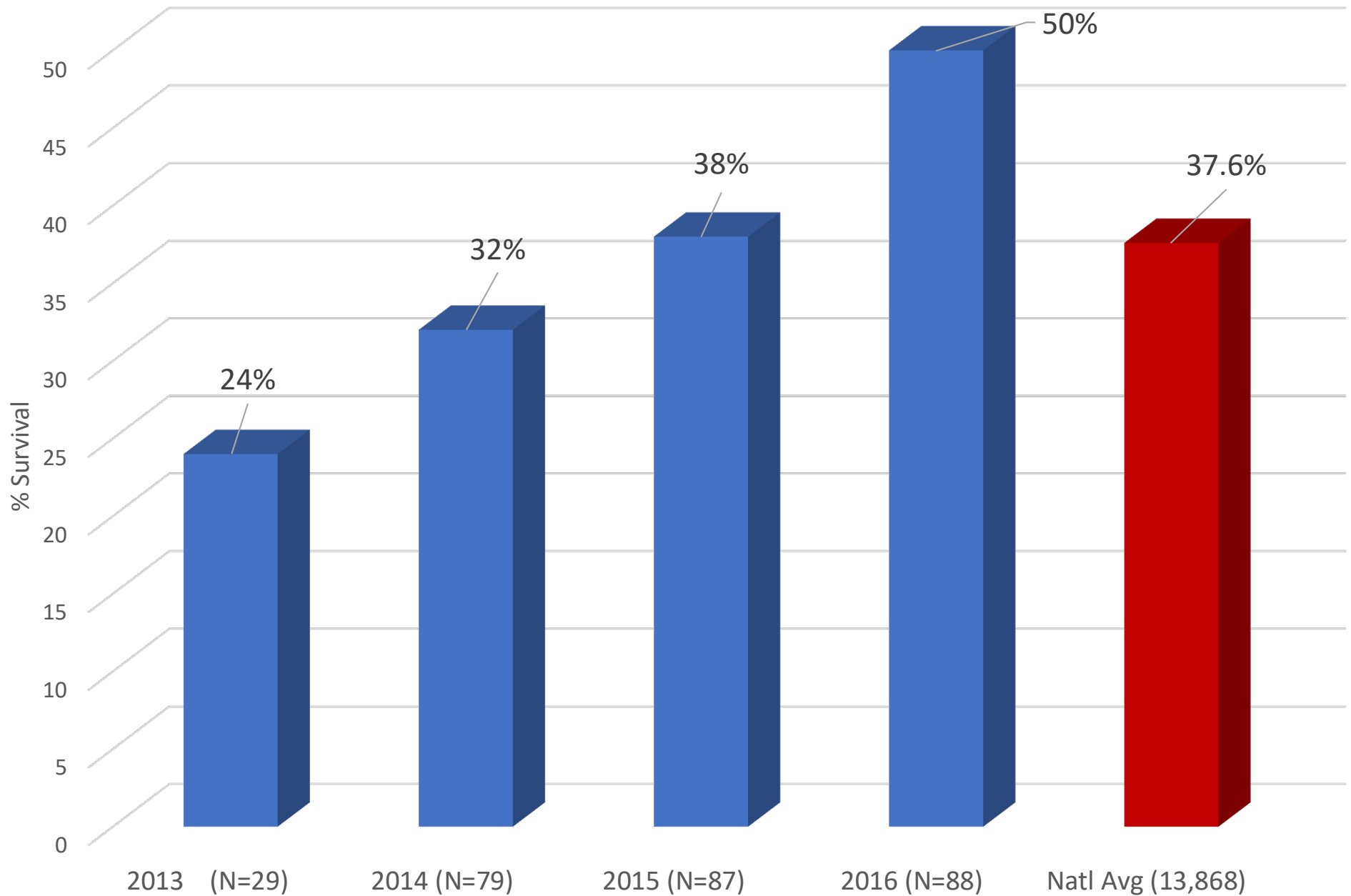


Utstein Survival Rates



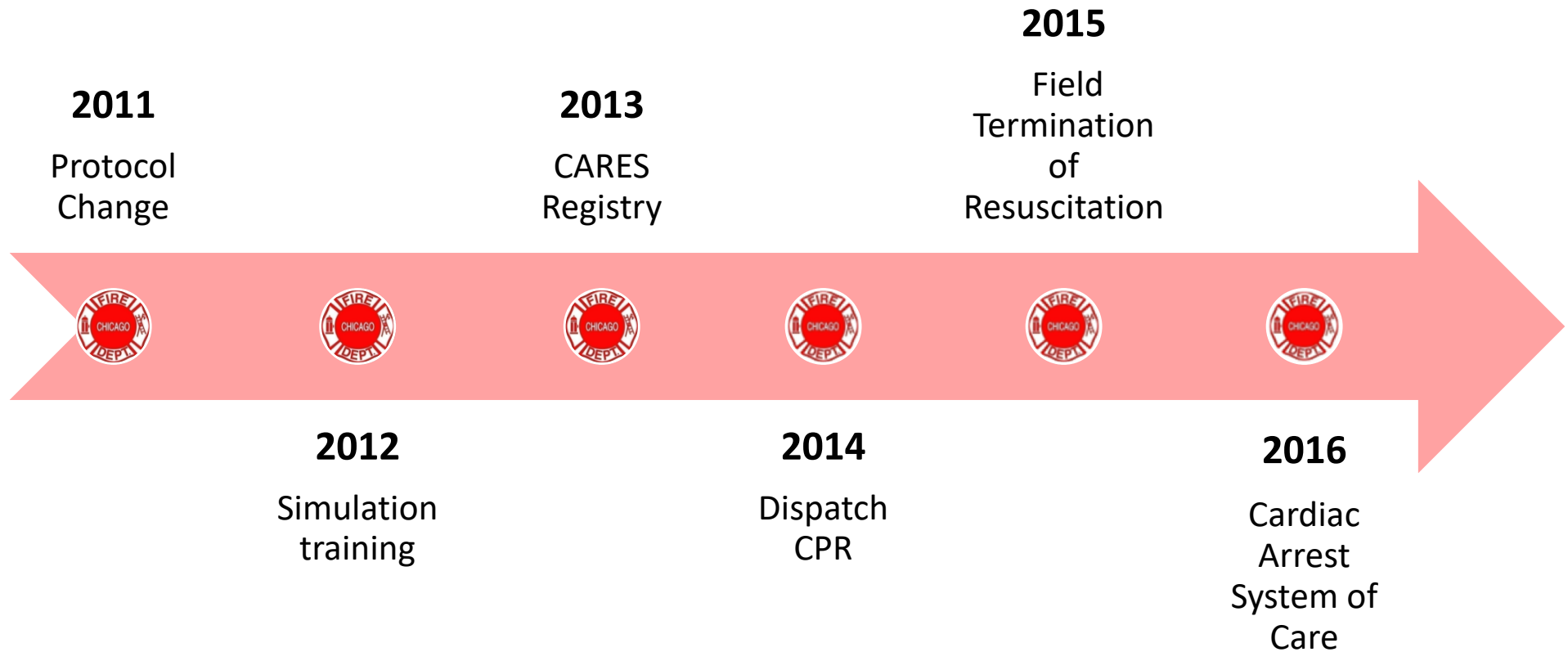


Utstein-Bystander Survival Rates





Systematic Change







Feedback



ADVOCATE ILLINOIS MASONIC MEDICAL CENTER
JOHN H. STROGER JR. HOSPITAL OF COOK COUNTY
NORTHWESTERN MEMORIAL HOSPITAL
UNIVERSITY OF CHICAGO MEDICAL CENTER

Date: xxx

Paramedic/EMT xxx,

As part of our regular Continuous Quality Improvement (CQI) process, we have reviewed the cardiac arrest you participated in on xxxx as a member of (Ax, Ex, Tx). The Chicago Region XI EMS System is focused on providing excellent prehospital care and optimizing patient outcomes for out-of-hospital cardiac arrest. Our objective in providing feedback is to both 1) Highlight areas of high performance and 2) Identify opportunities for improvement. Based on the Lifepak cardiac monitor data you uploaded into CodeStat, we have compiled the attached quality improvement report on the resuscitation.

Case summary: 48 year old male witnessed arrest by family with bystander CPR. Initial rhythm ventricular fibrillation, shocked x 2 with ROSC and transport to University of Chicago

Performance Goals ("x" indicates successful completion):

Minimal CPR Interruptions <input type="checkbox"/> Compression Ratio > 80% <input type="checkbox"/> Pre- and post-shock pause < 10 seconds each	Correct Drug Use and Dose <input type="checkbox"/> Epinephrine every 3-5 minutes <input type="checkbox"/> Amiodarone for refractory shockable rhythms
Quality Compressions <input type="checkbox"/> Compression Rate 100-120/minute <input type="checkbox"/> Use of Metronome	ETCO2 Waveform Analysis <input type="checkbox"/> Use of ETCO2 <input type="checkbox"/> Ventilation rate 10 breaths/minute (after airway placed)
Accurate Rhythm Analysis <input type="checkbox"/> Identified shockable rhythm promptly	ROSC Achieved? Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes: <input type="checkbox"/> 12 lead EKG obtained and transmitted <input type="checkbox"/> Therapeutic hypothermia addressed
Defibrillation <input type="checkbox"/> Within 1 minute of monitor on time <input type="checkbox"/> Every 2 minutes while in shockable rhythm	Resuscitation Outcome <input type="checkbox"/> Field termination considered for appropriate patients <input type="checkbox"/> Transported to STEMI Receiving Center

Case Strengths: Early defibrillation, use of metronome

Case Opportunities: Some pauses in compressions likely due to attempts to intubate, recommend use of King Airway as initial attempt

These performance goals are key components to managing a cardiac arrest and improving survival. Your event summary is included to review details of the case.

If you have any questions regarding this report, please contact Matt Strzalka, EMT-P (mstrzalka@cookcountyhhs.org).

Best regards,

Region XI EMS Medical Directors Consortium
Continuous Quality Improvement (CQI) Subcommittee

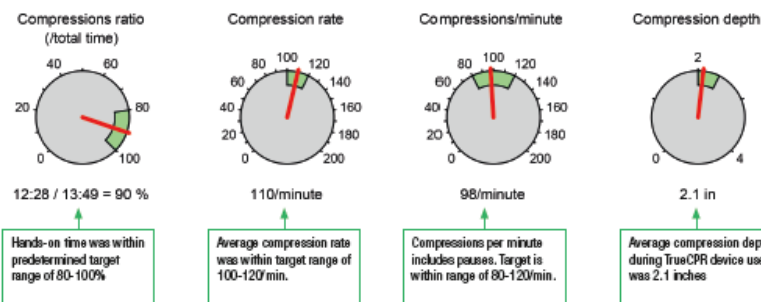
This information is for Quality Improvement and should remain confidential pursuant to the Illinois Medical Studies Act

CPR report



Device Type: LIFEPAK 15 Duration: 00:15:18
Power On: 7/21/2014 8:05:13 PM Incident ID: 20130721081121003901
CPR Annotations Edited: Yes 3060057TrueCPR0057
Device Configuration: 00G440IIG3GG7P Statistical Parameters: 1000-0300-3000-05

*Times have been adjusted by the system



Summary





Thank you

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