GWTG Resuscitation Publications
(As of 8/1/2019)

The following is a list of Get With The Guidelines-Resuscitation (formerly National Registry of CardioPulmonary Resuscitation) publications to date. The links provided below will connect you to the web site of the publication, or where the abstract was published. Some abstracts are not available online. If you can't find the abstract on-line, please contact the journal for information on how to obtain a copy.

Total publications: 139

2019 (15)

**The Association of Hospital Rate of Delayed Epinephrine Administration With Survival to Discharge for Pediatric Nonshockable In-Hospital Cardiac Arrest.** Raymond TT, Praestgaard A, Berg RA, Nadkarni VM, Parshuram CS. *Pediatric Critical Care Medicine*. DOI: 10.1097/PCC.0000000000001863. 1/21/19. (Pediatrics)

**Delays in CPR, defibrillation, and epinephrine administration may all decrease survival in in-hospital cardiac arrest.** Bircher NG, Chan PS, Xu Y. *Anesthesiology*. DOI: 10.1097/ALN.0000000000002563. 1/28/19.

**Trends Over Time in Drug Administration During Adult In-Hospital Cardiac Arrest.** Moskowitz A, Ross CE, Andersen LW, Grossestreuer AV, Berg KM, Donnino MW. *Critical Care Medicine*. DOI: 10.1097/CCM.0000000000003506. 2/1/19.


**Association Between Hospital Recognition for Resuscitation Guideline Adherence and Rates of Survival for In-Hospital Cardiac Arrest.** Khera R, Tan Y, Link MS, Krumholz HM, Girotra S, Chan PS. *Circulation: Cardiovascular Quality and Outcomes*. DOI: 10.1161/CIRCOUTCOMES.118.005429. 3/15/19.

Email GWTGResuscitationResearch@heart.org if you have any questions.


Prospective validation of the Good Outcome Following Attempted Resuscitation (GO-FAR) score for in-hospital cardiac arrest prognosis. Thai TN, Ebell MH. Resuscitation. DOI: 10.1016/j.resuscitation.2019.05.002. 5/9/19.


2018 (11)


Email GWTGResuscitationResearch@heart.org if you have any questions.

**Derivation and Internal Validation of a Mortality Prediction Tool for Initial Survivors of Pediatric In-hospital Cardiac Arrest.** Anderson, Lars. *Pediatric Critical Care Medicine*. DOI: 10.1097/PCC.0000000000001416. 3/1/2018. (Pediatrics)


**Biphasic Waveform External Defibrillation Starting Energy and In-Hospital Cardiac Arrest Survival: Retrospective Cohort Study From the Get With the Guidelines-Resuscitation Registry.** PM Schneider, W Liu, GK Grunwald, PS Chan, BK Nallamothu, C Sasson, PD Varosy, MP Turakhia, B Oggunnaike, PM Ho, SM Bradley. Journal of the Minneapolis Heart Institute Foundation. DOI: 10.21925/mlsheartjournal-D-18-00001. 7/1/18.

**Racial Differences in Long-Term Outcomes Among Older Survivors of In-Hospital Cardiac Arrest.** Chen LM, Nallamothu BK, Spertus JA, Tang Y, Chan PS. *Circulation*. DOI: 10.1161/CIRCULATIONAHA.117.033211. 7/9/18. (Young Investigator Winner)


Email GWTGResuscitationResearch@heart.org if you have any questions.
**Survival Rates Following Pediatric In-Hospital Cardiac Arrests During Nights and Weekends.** Bhanji, Farhan. *JAMA Pediatrics.* 1/1/17. (Pediatrics)

**Acute Respiratory Compromise in the Emergency Department: A Description and Analysis of 3585 Events from the Get With the Guidelines-Resuscitation® Registry.** Karlsson, Carl Mathias. *Journal of Emergency Medicine.* 1/17/17

**Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival.** Andersen, Lars. *JAMA.* 2/7/17

**Predicting In-Hospital Mortality for Initial Survivors of Acute Respiratory Compromise (ARC) Events: Development and validation of the ARC Score.** Moskowitz, Ari. *Resuscitation.* 3/4/17

**The Association Between Physician Turnover (The “July Effect”) and Survival After In-Hospital Cardiac Arrest.** Myers, Laura. *Resuscitation.* 3/8/17

**Frequency of Medical Emergency Team Activation Prior to Pediatric Cardiopulmonary Resuscitation.** Jayaram, Natalie. *Resuscitation.* 4/1/17. (Pediatrics)

**Pediatric In-Hospital Acute Respiratory Compromise: description and factors associated with mortality.** Andersen, Lars. *Pediatric Critical Care Medicine.* 5/10/17. (Pediatrics)

**Epinephrine Dosing Interval and Survival Outcomes in Pediatric In-Hospital Resuscitation.** Hoyme, Derek. *Resuscitation.* 5/25/17. (Pediatrics)

**Association Between Survival and Time of Day for Rapid Response Team Calls in a National Registry.** Churpek, Matthew. *Critical Care Medicine.* 7/22/17

**Patterns of Resuscitation Care and Survival After In-Hospital Cardiac Arrest in Patients with Advanced Cancer.** Bruckel, Jeffrey. *Journal of Oncology Practice.* 8/1/17

**Association Between Hospital Rates of Early Do-Not-Resuscitate Orders and Favorable Neurological Survival Among Survivors of In-Hospital Cardiac Arrest.** Fendler, Tim. *American Heart Journal.* 8/7/17


**Administrative Codes for Capturing In-Hospital Cardiac Arrest.** Khera, Rohan. *JAMA Cardiology.* 9/6/17

**Impact of timing of cardiac arrest during hospitalization on survival outcomes and subsequent length of stay.** Qazi, Abdul. *Resuscitation.* 10/13/17

**Long-Term Survival Trends of Medicare Patients After In-Hospital Cardiac Arrest: Insights from Get With The Guidelines-Resuscitation.** Thompson, Lauren. *Resuscitation.* 11/1/17

**Association Between Prompt Defibrillation and Epinephrine Treatment With Long Term Survival After In-Hospital Cardiac Arrest.** Patel, Krishna. *Circulation.* 12/26/17

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2016 (18)

**Better Nurse Staffing and Nurse Work Environments Associated With Increased Survival of In-Hospital Cardiac Arrest Patients.** McHugh, Matthew. *Medical Care.* 1/1/16


**Pediatric Medical Emergency Team Events and Outcomes: A Report of 3647 Events From the American Heart Association’s Get With the Guidelines-Resuscitation Registry.** Raymond, Tia. *Hospital Pediatrics.* 2/1/16. (Pediatrics)

**Association Between Hospital Process Composite Performance and Patient Outcomes After In-Hospital Cardiac Arrest Care.** Anderson, Monique. *JAMA Cardiology.* 2/24/16


**Resuscitation Practices Associated With Survival After In-Hospital Cardiac Arrest: A Nationwide Survey.** Chan, Paul. *JAMA Cardiology.* 4/6/16

**Early Administration of Epinephrine (Adrenaline) in Patients with Cardiac Arrest with Initial Shockable Rhythm in Hospital: propensity score matched analysis.** Anderson, Lars W. *BMJ.* 4/6/16

**Defibrillation Time Intervals and Outcomes of Cardiac Arrest in Hospital: A retrospective cohort study from Get With The Guidelines-Resuscitation registry.** Bradley, Steven. *BMJ.* 4/7/16

**Missed Opportunities in Use of Medical Emergency Teams Prior to in-Hospital Cardiac Arrest.** Chan, Maya. *AHJ.* 4/29/16

**Acute Respiratory Compromise on Inpatient Wards in the United States: Incidence, outcomes, and factors associated with in-hospital mortality.** Andersen, Lars. *Resuscitation.* 5/30/16

**Body Mass Index and Outcomes of in-Hospital Ventricular Tachycardia and Ventricular Fibrillation Arrest.** Ogunnaike, Babatunde. *Resuscitation.* 6/9/16


**Location of In-Hospital Cardiac Arrest in the United States-Variability in Event Rate and Outcomes.** Perman, Sarah. *JAHA.* 9/29/16

**Association Between Therapeutic Hypothermia and Survival After In-Hospital Cardiac Arrest.** Chan, Paul. *JAMA.* 10/4/16

Email GWTGResuscitationResearch@heart.org if you have any questions.


Hospital Variation in Time to Administration of Epinephrine After Cardiac Arrest with Initial Non-Shockable Rhythm. Khera, Rohan. *Circulation*. 12/1/16


2015 (8)


Policies Allowing Family Presence During Resuscitation and Patterns of Care During In-Hospital Cardiac Arrest. Goldberger, Zachary D. *Circulation: Cardiovascular Quality & Outcomes*. 3/24/2015

The Administration of Dextrose During In-hospital Cardiac Arrest is Associated with Increased Mortality and Neurologic Morbidity. Peng, Teng J. *Critical Care*. 4/10/15.


Time to Epinephrine and Mortality Following Pediatric In-Hospital Cardiac Arrest. Anderson, Lars W. *JAMA*. 8/25/15. (Pediatrics)

The Prevalence and Significance of Abnormal Vital Signs Prior to In-Hospital Cardiac Arrest. Anderson, Lars W. *Resuscitation*. 9/8/15

Alignment of Do-Not-Resuscitate Status With Patients’ Likelihood of Favorable Neurological Survival After In-Hospital Cardiac Arrest. Fendler, Tim. *JAMA*. 9/22/15

2014 (7)

Hospital Variation in Survival after In-hospital Cardiac Arrest. Merchant, Raina. *JAHA*. 1/31/14


Hospital Variation in Survival Trends for In-hospital Cardiac Arrest. Girotra, Saket. *JAHA*. 6/10/14

Email GWTGResuscitationResearch@heart.org if you have any questions.


Racial disparities in outcomes following PEA and asystole in-hospital cardiac arrests. Razi, Rabia R. *Resuscitation*. 12/9/14

Age, sex, and hospital factors are associated with the duration of cardiopulmonary resuscitation in hospitalized patients who do not experience sustained return of spontaneous circulation. Khan, Abigail. *JAHA*. 12/17/14

2013 (14)


Use of Therapeutic Hypothermia After In-Hospital Cardiac Arrest. Mikkelsen, Mark E. *Critical Care Medicine*. 3/20/13


Risk-Standardizing Survival for In-Hospital Cardiac Arrest to Facilitate Hospital Profiling. Chan, Paul. *Journal of the American College of Cardiology*. 6/12/13

Association between a hospital's rate of cardiac arrest incidence and cardiac arrest survival. Chen, Lena. *JAMA Internal Medicine*. 7/8/13


Development and validation of the Good Outcome Following Attempted Resuscitation (GO-FAR) score to predict neurologically intact survival following in-hospital cardiopulmonary resuscitation. Ebell, Mark. *JAMA*. 11/11/13


Email GWTGResuscitationResearch@heart.org if you have any questions.

- **Corrigendum** published in *Resuscitation* 7/26/19.

**Prediction of survival to discharge following cardiopulmonary resuscitation using classification and regression trees.** Ebell, Mark. *Critical Care Medicine.* 12/24/13

**Predictors of Survival from Perioperative Cardiopulmonary Arrests: A Retrospective Analysis of 2,524 Events from the Get With The Guidelines-Resuscitation Registry.** Ramachandran, Satya K. *Anesthesiology.* 12/24/13

**2012 (8)**

**Variability in case-mix adjusted in-hospital cardiac arrest rates.** Merchant, Raina. *Medical Care.* 2/28/12

**Duration of Hospital Participation in Get With the Guidelines-Resuscitation and Survival of In-Hospital Cardiac Arrest.** Bradley, Steven. *Resuscitation.* 3/17/12

**A Validated Prediction Tool for Initial Survivors of In-Hospital Cardiac Arrest.** Chan, Paul. *JAMA Internal Medicine.* 6/25/12


**Duration of resuscitation efforts and survival after in-hospital cardiac arrest: an observational study.** Goldberger, Zachary. *The Lancet.* 9/4/12

**Trends in Survival after In-Hospital Cardiac Arrest.** Girotra, Saket. *New England Journal of Medicine.* 11/15/12


**2011 (5)**

**In-hospital cardiac arrest: Impact of monitoring and witnessed event on patient survival and neurologic status at hospital discharge.** Brady, WJ. *Resuscitation.* 3/31/11

**Impact of Resuscitation System Errors on Survival from In-hospital Cardiac Arrest.** Ornato, Joseph. *Resuscitation.* 9/29/11

**Outcomes After In-hospital Cardiac Arrest in Children with Cardiac Disease.** Ortmann, Laura. *Circulation.* 10/24/11. (Pediatrics)

Email GWTGResuscitationResearch@heart.org if you have any questions.

Early cardiac arrest in patients hospitalized with pneumonia: a report from the American Heart Association's Get With the Guidelines - Resuscitation Program. Carr, GE. *Chest*. 12/22/11

2010 (10)

**Rhythms and Outcomes of Adult In-Hospital Cardiac Arrest**. Meaney, Peter. *Critical Care Medicine*. 1/1/10

**Pre-resuscitation Factors Associated with Mortality in 49,130 Cases of In-Hospital Cardiac Arrest: A Report from the National Registry for Cardiopulmonary Resuscitation**. Larkin, Gregory L. *Resuscitation*. 1/4/10

**Childhood Obesity and Survival After In-Hospital Pediatric Cardiopulmonary Resuscitation**. Srinivasan, Vijay. *Pediatrics*. 2/22/10. (Pediatrics)


**Outcomes of Critically Ill Patients who Received Cardiopulmonary Resuscitation**. Tian J. *American Journal of Respiratory & Critical Care Medicine*. 4/22/10


**Body Mass Index and Survival after In-Hospital Cardiac Arrest**. Jain, Renuka. *Circulation: Cardiovascular Quality & Outcomes*. 8/10/10

**Delayed Time to defibrillation after Intraoperative and Periprocedural Cardiac Arrest**. Mhyre, Jill. *Anesthesiology*. 10/31/10

**Automated External Defibrillators and Survival After In-Hospital Cardiac Arrest**. Chan, Paul. *JAMA*. 11/15/10

**Effect of Defibrillation Energy Dose During In-Hospital Pediatric cardiac arrest**. Meaney Peter. *Pediatrics*. 12/20/10. (Pediatrics)

2009 (11)

**Using the American Heart Association’s National Registry of Cardiopulmonary Resuscitation for Performance Improvement** Hunt, Elizabeth. *Joint Commission Journal of Quality and Patient Safety*. 1/1/09 (Online 11/16/16)

Derangements in Blood Glucose Following Initial Resuscitation from In-Hospital Cardiac Arrest: A Report from the National Registry of Cardiopulmonary Resuscitation. Beiser, David. Resuscitation. 3/19/09

Hospital Level Variation in Time to Defibrillation for In-Hospital Cardiac Arrest. Chan, Paul. Archives of Internal Medicine. 7/29/09

Racial Differences in Time to Defibrillation and Survival Outcomes After In-Hospital Cardiac Arrest. Chan, Paul. JAMA. 9/16/09

Factors Associated With Neurologically-Intact Survival for Patients With Acute Heart Failure and In-Hospital Cardiac Arrest. Levy, Phillip. Circulation: Heart Failure. 9/28/09

Body Temperature changes are associated with outcomes following In-Hospital Cardiac Arrest and Return of Spontaneous Circulation: a Report from the National Registry of Cardiopulmonary Resuscitation. Suffoletto, Brian. Resuscitation. 10/5/09

The First Documented Cardiac Arrest Rhythm in Patients with Heart Failure. Peberdy, Mary Ann. Resuscitation. 10/5/09

CPR for Bradycardia with Poor Perfusion: Analysis of NRCPR Process and Outcomes. Donoghue, Aaron. Pediatrics. 11/16/09

Outcomes Among Neonates, Infants and Children after Extracorporeal Cardiopulmonary Resuscitation (ECPR) for Refractory In-Hospital Pediatric Cardiac Arrest: Data from the National Registry of Cardiopulmonary Resuscitation. Raymond, Tia T. Pediatric Critical Care Medicine. 11/17/09. (Pediatrics)

Time to Invasive Airway and Outcomes After In-hospital Cardiopulmonary arrest. Wong, Matthew. Resuscitation. 12/18/09

2008 (7)

Delayed Time to Defibrillation and Survival After In-Hospital Cardiac Arrest. Chan, Paul. New England Journal of Medicine. 1/3/08

Increasing Amiodarone Use in Cardiopulmonary Resuscitation: An Analysis of the National Registry of Cardiopulmonary Resuscitation. October, Tessie. Critical Care Medicine. 1/31/08

Survival from In-Hospital Cardiac Arrest During Nights and Weekends. Peberdy, Mary Ann. JAMA. 2/20/08


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**Cardiac arrests of hospital staff and visitors: Experience from the national registry of cardiopulmonary resuscitation.** Adams, Bruce. *Resuscitation.* 12/11/08

2006 (5)

**First Documented Rhythm and Clinical Outcomes From In-Hospital Cardiac Arrest Among Children and Adults.** Nadkarni, Vinay. *JAMA.* 1/4/06. (Adult & Pediatrics)

**Association Between Hospital Process Performance and Outcomes Among Patients With Acute Coronary Syndromes.** Peterson, Eric. *JAMA.* 4/26/06


**Effect of Hospital Characteristics on Outcomes from Pediatric Cardiopulmonary Resuscitation: A Report from the National Registry of Cardiopulmonary Resuscitation.** Donoghue, Aaron. *Pediatrics.* 8/1/06. (Pediatrics)

**Higher Survival Rates among Younger Patients after Pediatric Intensive Care Unit Cardiac Arrests.** Meaney, Peter. *Pediatrics.* 12/1/06. (Pediatrics)

2005 (2)

**Cardiac Arrest of Nonpatients Within Hospital Public Areas.** Adams, Bruce. *American Journal of Cardiology.* 6/1/05

**When minutes count--the fallacy of accurate time documentation during in-hospital resuscitation.** Kaye, William. *Resuscitation.* 6/3/05

2003 (1)

**Cardiopulmonary Resuscitation of Adults in the Hospital: A Report of 14,720 Cardiac Arrests from the National Registry of Cardiopulmonary Resuscitation.** Peberdy, Mary Ann. *Resuscitation.* 8/12/03

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