American Heart Association/American Stroke Association
Latest Get With The Guidelines® Quality Research


- Survival from in-hospital cardiac arrest has improved substantially between 2000 and 2009 at hospitals participating in the American Heart Association's Get With The Guidelines-Resuscitation registry.
- Risk-adjusted rates of survival to hospital discharge has increased from 13.7% in 2000 to 22.3% in 2009 (adjusted rate ratio per year 1.04; 95% CI, 1.03-1.06; P <0.001 for trend).
- Improvement in survival was driven by an improvement in acute resuscitation as well as post-resuscitation care, and was seen regardless of whether the initial rhythm was treatable by defibrillation (ventricular fibrillation, pulseless ventricular tachycardia) or not (asystole, pulseless electrical activity). This suggests broad-based quality improvement in the delivery of resuscitation care in the United States.
- Improvement in survival was accompanied by a decrease in risk-adjusted rates of clinically-significant neurological disability: from 32.9% in 2000 to 28.1% in 2009 (adjusted rate ratio per year 0.98; 95% CI, 0.97-1.00, P = 0.02 for trend)

Dr. Saket Girotra is an Associate in Medicine, Division of Cardiovascular Diseases at University of Iowa Carver College of Medicine. He received his medical education in India at the All India Institute of Medical Sciences, New Delhi. After completing medical school, he attended the Harvard School of Public Health to pursue a Master of Science in Epidemiology as a Presidential Scholar. Subsequently, he completed a residency in Internal Medicine at Medical College of Wisconsin, and fellowships in Cardiology and Interventional Cardiology at University of Iowa. Dr. Girotra's expertise is in the field of health services and outcomes research. His prior research has examined variation in hospital quality for cardiac diseases (acute myocardial infarction, heart failure) and procedures (coronary artery bypass surgery). His current work is focused on the epidemiology of in-hospital cardiac arrests and understanding hospital-level variation in cardiac arrest survival.

See details about Get With The Guidelines-Resuscitation

**Research Opportunity for Young Investigators:**
The Council on Clinical Cardiology, The Stroke Council, The Council on Quality of Care and Outcomes Research, The Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation, and The Council on Basic Cardiovascular Science greatly value the development of young clinical investigators. To further this effort, the councils have a limited number of seed grants for young investigators for meritorious research projects based on the data gathered from Get With The Guidelines®. See link for details - Application Deadline extended to Nov 26th.