



*RCA2: Improving Root Cause Analyses and Actions to Prevent Harm*, published 2015 by the National Patient Safety Foundation.

The following organizations have endorsed the use of this report as a valuable resource in efforts to create a more effective event analysis and improvement system:



#### **AAMI**

AAMI is a nonprofit community of nearly 7,000 professionals united by one important mission—the development, management, and use of safe and effective healthcare technology. Founded in 1967, AAMI is the primary source of international and national consensus standards; and helps members contain costs, stay on top of new technology and policy developments, improve professional skills, and enhance patient care.



#### **AAMI Foundation**

The AAMI Foundation's primary mission is to serve public welfare and improve patient safety by fostering the safe adoption and use of healthcare technology. It does this through the work of national safety initiatives, the distribution of scholarships to students, and awards for excellence.



#### **Alliance for Quality Improvement and Patient Safety (AQIPS)**

AQIPS is the nation's leading professional association for Patient Safety Organizations and their health care provider members that leads efforts to measurably improve patient safety and the quality of patient care by fostering the ability of providers to implement a culture of safety, learning, and high reliability. The provider community that works with PSOs focus on providing consistency in quality and implementing innovative patient safety programs throughout the continuum of care, from EMS, primary care, ambulatory care, pharmacy, inpatient, rehabilitation, post-acute care, long term care and home health care.



### **American Society of Health-System Pharmacists (ASHP)**

ASHP represents pharmacists who serve as patient care providers in acute and ambulatory settings. The organization's more than 40,000 members include pharmacists, student pharmacists, and pharmacy technicians. For over 70 years, ASHP has been on the forefront of efforts to improve medication use and enhance patient safety. For more information about the wide array of ASHP activities and the many ways in which pharmacists advance healthcare, visit ASHP's website, <http://www.ashp.org/>, or its consumer website, <http://www.safemedication.com/>.



### **Association of Occupational Health Professionals in Healthcare (AOHP)**

AOHP, the Association of Occupational Health Professionals in Healthcare, is dedicated to the health, safety, and well-being of healthcare workers. AOHP is the only national professional organization with the exclusive mission of addressing the needs and concerns of occupational health professionals in healthcare settings.



### **Atrius Health**

Atrius Health is the Northeast's largest nonprofit independent multi-specialty medical group. The Atrius Health practices including Dedham Medical Associates, Granite Medical Group, Harvard Vanguard Medical Associates—together with VNA Care Network and Hospice—serve 675,000 patients across eastern Massachusetts. A national leader in delivering high-quality, patient-centered coordinated care, the Atrius Health medical groups and home health agency and hospice work together, and in collaboration with hospital partners, community specialists and skilled nursing facilities.



### **Aurora Health Care**

Aurora Health Care is a not-for-profit Wisconsin-area health care provider and a national leader in efforts to improve health care quality. Aurora offers services at sites in more than 90 communities throughout eastern Wisconsin and northern Illinois and is Wisconsin's most comprehensive health care provider and the state's largest private employer. Aurora serves more than 1.2 million patients every year via a comprehensive network of facilities, services and providers, including 15 hospitals, more than 150 clinics, 70 pharmacies, and 30,000 amazing caregivers.



### **Canadian Patient Safety Institute**

The Canadian Patient Safety Institute (CPSI) was established in 2003 as an independent not-for-profit corporation, operating collaboratively with health professionals and organizations, regulatory bodies and governments to build and advance a safer healthcare system for Canada. The Canadian Patient Safety Institute would like to acknowledge funding support from Health Canada.



### Children's Health Queensland Hospital and Health Service

Children's Health Queensland is a specialist statewide hospital and health service dedicated to providing the best possible family-centred health care for every child and young person in Queensland. A recognised leader in paediatric health care, education, and research, we deliver a full range of clinical services, tertiary level care, and health promotion programs for children across Queensland, northern New South Wales, and overseas.



### CHRISTUS Health

CHRISTUS Health, an international Catholic, faith-based, not-for-profit health system sponsored by the Sisters of Charity of the Incarnate Word of Houston and San Antonio, is headquartered in Dallas and is comprised of almost 350 services and facilities. They include more than 60 hospitals and long-term care facilities, 175 clinics and outpatient centers and dozens of other health ministries and ventures, in six states in the U.S., seven states in Mexico, and one state in Chile. The system employs approximately 30,000 Associates and over 9,500 physicians.



### Citizens for Patient Safety

Citizens for Patient Safety's mission is to increase engagement between patients/families and providers for better healthcare outcomes. After losing her only son, Michael, to medical error, Patty Skolnik founded CPS to advocate for shared decision-making, informed consent, and improving patient/provider relationships in healthcare.



### CRICO | Risk Management Foundation of the Harvard Medical Institutions

CRICO, a recognized leader in evidence-based risk management, is a group of companies owned by and serving the Harvard medical community. For more than 30 years, the CRICO companies have provided industry leading medical professional liability coverage, claims management, and patient safety resources to its members.



### The Doctors Company

Founded and led by physicians, The Doctors Company is relentlessly committed to advancing, protecting, and rewarding the practice of good medicine. The Doctors Company is the nation's largest physician-owned medical malpractice insurer, with 77,000 members and \$4.3 billion in assets, and is rated A by A.M. Best Company and Fitch Ratings.



### ECRI Institute

For nearly 50 years, ECRI Institute, a nonprofit organization, has been dedicated to bringing the discipline of applied scientific research to discover which medical procedures, devices, drugs, and processes are best, all to enable you to improve patient care.



### HCA Patient Safety Organization, LLC

HCA Patient Safety Organization, LLC, was certified and listed by the Agency for Healthcare Research and Quality on April 9, 2014. The vision of HCA PSO, LLC, is to assist participating providers in the elimination of

preventable patient harm, and the mission and primary activity is to conduct activities to improve patient safety and the quality of healthcare delivery.



#### **Institute for Healthcare Improvement**

The Institute for Healthcare Improvement (IHI) is a leading innovator in health and health care improvement worldwide. For more than 25 years, we have partnered with visionaries, leaders, and front-line practitioners around the globe to spark bold, inventive ways to improve the health of individuals and populations. Recognized as an innovator, convener, trustworthy partner, and driver of results, we are the first place to turn for for anyone, anywhere who wants to change health and health care profoundly for the better.



#### **Institute for Safe Medication Practices**

ISMP is an independent, nonprofit organization that works closely with healthcare practitioners and organizations, regulatory agencies, consumers, and professional organizations to provide education about medication errors and their prevention. The Institute operates the National Medication Error and Vaccine Error Reporting Programs.



#### **The Joint Commission**

Founded in 1951, The Joint Commission seeks to continuously improve health care for the public, in collaboration with other stakeholders, by evaluating health care organizations and inspiring them to excel in providing safe and effective care of the highest quality and value. The Joint Commission accredits and certifies nearly 21,000 health care organizations and programs in the United States. An independent, nonprofit organization, The Joint Commission is the nation's oldest and largest standards-setting and accrediting body in health care.



#### **Kaiser Permanente**

Kaiser Permanente is recognized as one of America's leading health care providers and not-for-profit health plans. Founded in 1945, Kaiser Permanente currently serves more than 10 million members in eight states and the District of Columbia. Our expert and caring medical teams are empowered and supported by industry-leading technology advances and tools for health promotion, disease prevention, state-of-the-art care delivery, and world-class chronic disease management.



#### **MHA Keystone Center**

The MHA Keystone Center holds a vision of healthcare that is safe, effective, efficient, patient centric, timely and equitable. It is our mission to lead the nation in quality and patient safety through the diffusion of change using patient-centered, evidence-based interventions supported by cultural improvement.



### **National Association for Healthcare Quality (NAHQ)**

Founded in 1976 and covering a full spectrum of healthcare specialties, the National Association for Healthcare Quality (NAHQ) is an essential and interactive resource for quality and patient safety professionals worldwide. NAHQ's vision is to realize the promise of healthcare improvement through innovative practices in quality and patient safety. NAHQ's 12,000-plus members and certificants benefit from cutting edge education and NAHQ's unique collective body of knowledge, as well as opportunities to learn from a diverse group of professionals.



### **National Council of State Boards of Nursing (NCSBN®)**

Founded in 1978 as an independent not-for-profit organization, NCSBN was created to lessen the burdens of state governments and bring together boards of nursing (BONs) to act and counsel together on matters of common interest. NCSBN's membership is composed of the BONs in the 50 states, the District of Columbia, and four U.S. territories (American Samoa, Guam, Northern Mariana Islands, and the Virgin Islands). There are also 24 associate members that are either nursing regulatory bodies or empowered regulatory authorities from other countries or territories.



### **Tufts Medical Center and Floating Hospital for Children**

Tufts Medical Center is a renowned academic medical center in the heart of Boston, Mass. The organization includes full-service adult and children's hospitals focused on delivering the most complex care, including performing the most heart transplants in New England. Tufts MC is passionate about partnering with community hospitals to ensure the highest quality care is available in the most convenient location for the patient. Founded in 1796, Tufts Medical Center was supported by early American patriots including Sam Adams and Paul Revere.