



2020

**CPR & ECC
GUIDELINES**

RQI

Resuscitation Quality Improvement

Experts agree – small imperfections to CPR are harmful to patients and skills are perishable. The ability to consistently administer high-quality CPR is critical to improving outcomes and is the last chance for survival in a cardiac arrest emergency.

The Resuscitation Quality Improvement (RQI) programs utilize the latest science and education technology to deliver a comprehensive learning system to address the problem of rapid CPR cognitive and skills decay. Instead of attending CPR courses every two years, learners verify competencies once per quarter and within the hospital setting, in order to achieve and maintain skills mastery in high-quality CPR.

RQI programs are anchored in the American Heart Association's science, driven by the technology of Laerdal Medical, and empowered to improve patient outcomes.

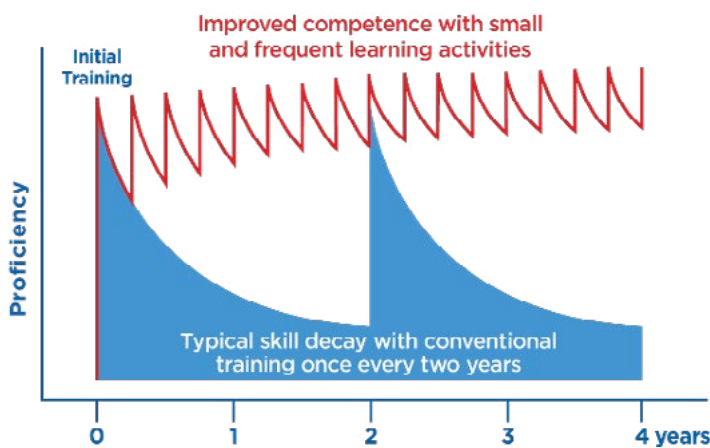




RQI Programs

Maximizing lifesaving outcomes

The Resuscitation Quality Improvement (RQI) programs provide a high-reliability platform for simulation-based mastery learning, implemented through low-dose, high-frequency quality improvement sessions that measure and verify competence to help healthcare providers retain and master life-saving skills.



The Science

Studies show that the conventional 2-year BLS training cycle is not optimal for achieving the mastery learning of high-quality CPR skills needed to save more lives. Skill decay occurs in as few as 3 months after training.

The perpetual curriculum of the RQI programs replaces skill decay with verified competence and saves lives.

The Program

Low-dose, high-frequency education – No more time-intensive training classes every two years, at an inconvenient location, and costly travel budgets. The program is conducted in short quarterly sessions, at the point of care, and on the provider's schedule.

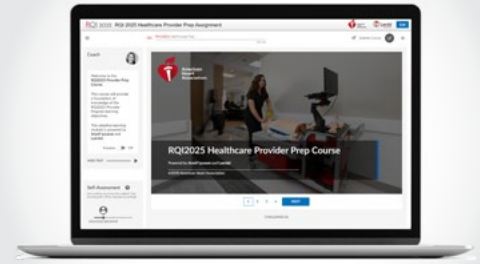
Self-directed, feedback-driven, and adaptive learning – Skills sessions are completed at an RQI Simulation Station with audiovisual directive feedback. eLearning components can be accessed on a variety of devices and feature an innovative algorithm that adapts education in real time to each learner's level of expertise.

Reduced investments and maintenance – The RQI subscription model reduces capital investments, lowers future maintenance costs, and provides support from equipment to software.



RQI Healthcare Provider

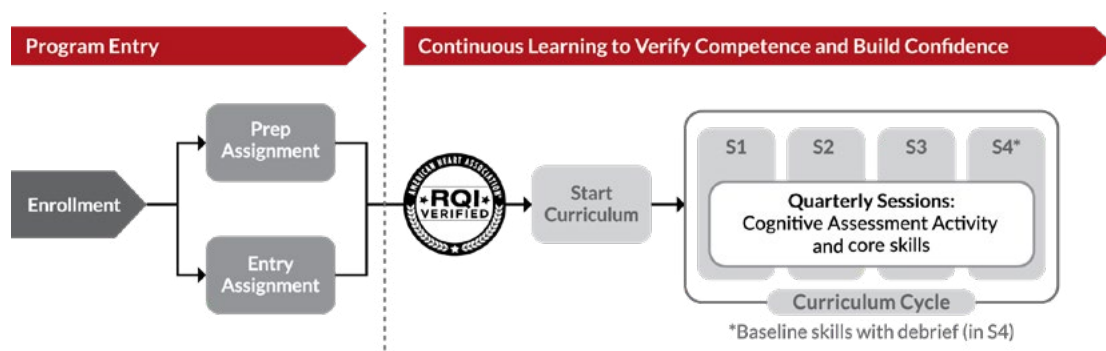
Resuscitation Quality Improvement



For personnel directly involved in patient care, such as nurses, physicians, respiratory therapists, and radiologic technicians, the RQI Healthcare Provider program offers low-dose, high-frequency mastery CPR learning and verified competence in high-quality CPR skills.

The RQI Learner Journey

The RQI program consists of cognitive eLearning and hands-on skills components. A program enrollment assignment is completed first, followed by quarterly curricula to retain lifesaving skills.



Based on a learner's foundation of knowledge, the provider will either complete the Prep Assignment, if they need to build foundational knowledge, or the Entry Assignment. Time to complete the program enrollment and quarterly assignments varies depending on the learner's level of expertise.

Cognitive Assessment Activities in eLearning:

- Adult Cardiac Arrest Algorithm
- Pediatric Cardiac Arrest Algorithm for 1-Rescuer
- Team Dynamics
- Pediatric Cardiac Arrest Algorithm for 2 or More Rescuer

Skills Sessions at the RQI Simulation Station:

- Adult/Child Compressions
- Adult/Child Ventilations
- Infant Compressions
- Infant Ventilations
- Yearly Baseline Skills Check

For healthcare providers, the RQI program helps to reinforce core CPR skills regularly, so skills become automatic and effortless - allowing them to focus on saving lives. For RQI Administrators, the RQI eCredentials verifies the learner has demonstrated competency in high-quality resuscitation skills after each session.