

HIGH QUALITY CPR - STRATEGIES FOR IMPROVEMENT.

Allie Bateman

Resuscitation Quality Improvement Manager

American Heart Association – Southwest Region



Allie Bateman is an experienced nonprofit professional who actively advocates the importance of program quality on a community and healthcare level. Allie has four years of experience in sales, program development, and project management, primarily focused on resuscitation programming across the southwest region of the U.S. Currently, Allie serves as the RQI Business Development Manager for the American Heart Association. Allie graduated from the University of Texas Austin where she earned a B.S. in Public Health. Allie currently resides in Dallas TX.



DISCLOSURES

FINANCIAL DISCLOSURE:

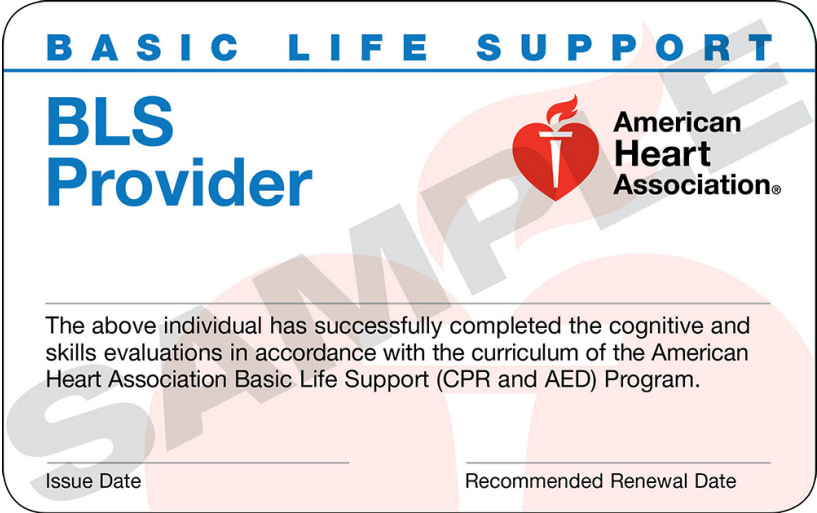
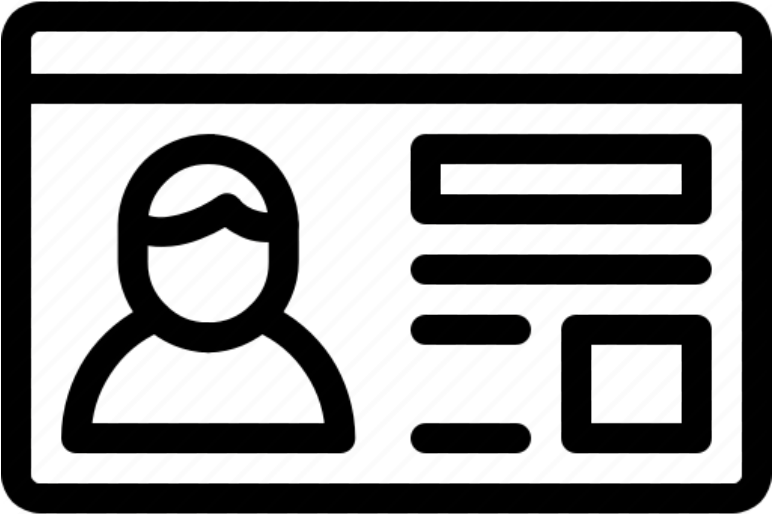
No financial relationships to disclose

UNLABELED/UNAPPROVED USES DISCLOSURE:

None to disclose

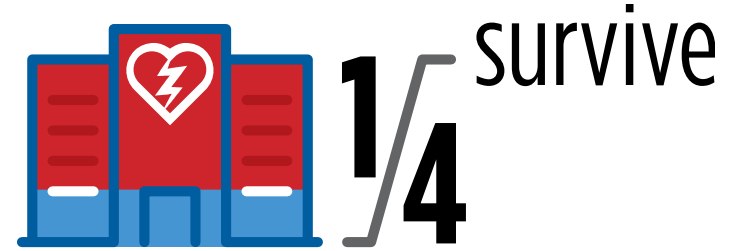
THINK OF A DRIVERS LICENSE

I KNOW HOW TO DRIVE

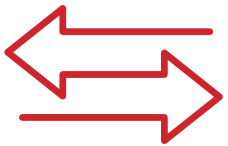


IN – HOSPITAL CARDIAC CARE

200,000 cardiac arrests occur in US hospitals yearly



Rapid delivery of **high-quality CPR** is the greatest determinant of survival from cardiac arrest

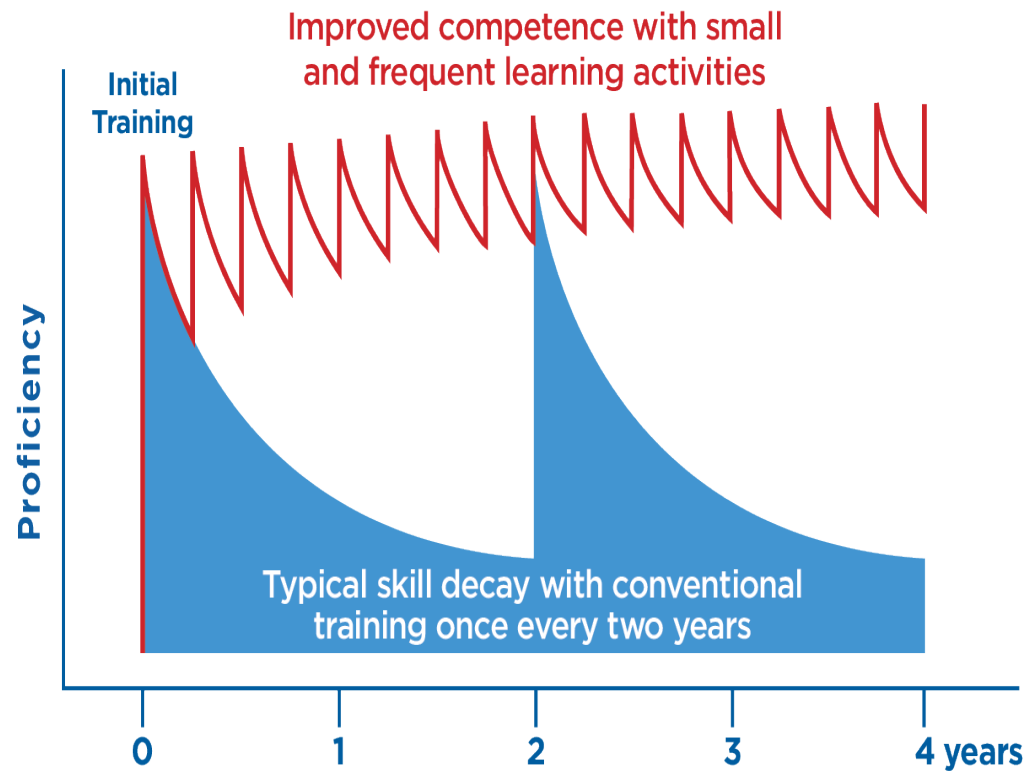


There is an **unacceptable disparity** in the quality of resuscitation

- 42% difference in the odds of survival for patients at similar hospitals, with a similar case-mix

*Data gathered from AHA GWTG Resuscitation Hospitals across the country

CPR SKILLS DECLINE



CPR SKILLS DECLINE
BELOW AHA GUIDELINES
QUALITY IN AS LITTLE AS
3-6 MONTHS FOLLOWING
TRAINING

POOR QUALITY CPR IS A PREVENTABLE HARM

High quality CPR is just five things:




- Minimize interruptions in chest compressions
- Provide compressions of adequate rate and depth
- Avoid leaning between compressions
- Avoid excessive ventilation.





Although it is clear that high-quality CPR is the primary component in influencing survival from cardiac arrest, there is considerable variation in monitoring, implementation, and quality improvement. As such, CPR quality varies widely between systems and locations.


RQI 2020 ROADMAP FOR RESUSCITATION EXCELLENCE

SHIFTING THE PARADIGM AND MOVING TO BETTER QUALITY

 + 
AHA Solutions + **Institution Best-Practice**

 +  + 
HeartCode® + VAM + **Frequent Skills Refresher** + **Team Simulations**

 +  +  + 
HeartCode® + Instructor + **Objective Feedback** + **Frequent Skills Refresher** + **Team Simulations**

 +  +  +  + 
Instructor-Led + **Consistent Delivery of Content** + **Objective Feedback** + **Frequent Skills Refresher** + **Team Simulations**

JOURNEY TO QUALITY

HIGH-QUALITY RESUSCITATION PROGRAM

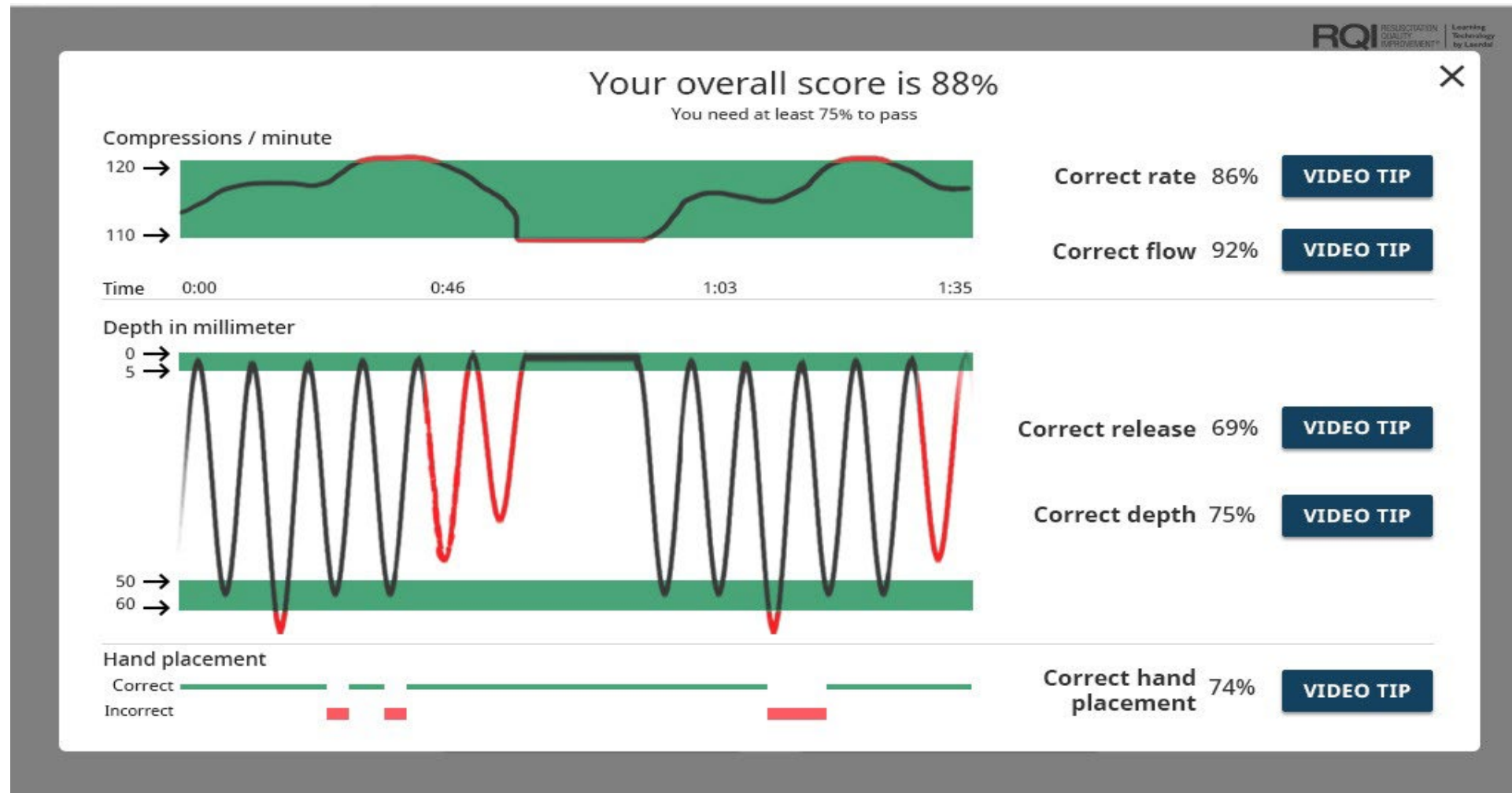
FOUNDATION COMPONENTS OF RQI

- **BASELINE SKILLS ASSESSMENT**
 - No card required for entry into the program
- **LOW DOSE-HIGH FREQUENCY LEARNING**
 - Quarterly cognitive and skills sessions (can be completed in as little as 15 minutes every 90 days)
- **E-SIMULATION PATIENT CASES**
 - The latest e simulation technology to ensure that every learner is competent to treat every patient situation

Focus on mastery of competence and confidence



FEEDBACK & DEBRIEFING



RQI 2020 ECREDENTIALS

Shifts the resuscitation paradigm toward validation of skills and knowledge rather than compliance-based course completion

- Verification by the AHA RQI Program that the student has demonstrated competence
- Valid through the date of compliance when skills and knowledge must again be demonstrated – before the decay of skills occurs

A compliant RQI Provider is competent in high-quality CPR skills!



eCredential
RQI Healthcare Provider

BLS *This is to verify that*
Bryan Phillips

has demonstrated competence in High-Quality CPR skills.
Competence verified by the American Heart Association's
Resuscitation Quality Improvement Program®

eCredential valid until: Date of last activity:
September 30, 2019 May 29, 2019

eCredential number:
r-cvesr-37r4j-kzpmj-bw229

Verify authenticity: certificate.laerdal.com/certificate



An American Heart Association®
and Laerdal® Program

THE POWER OF PARTNERSHIP – GET WITH THE GUIDELINES RESUSCITATION & RQI

The American Heart Association's Get With The Guidelines®-Resuscitation (GWTG-R) has been combined with the low-dose, high-frequency mastery learning of the resuscitation quality improvement® (RQI®) program.

The pairing of the GWTG-R product suite with the RQI program positions hospitals to:



Cohesively refine resuscitation practices and data management to improve patient outcomes.



Provide hospital leadership with an expanded and seamless assessment of CPR knowledge, skills, competence, performance analytics, data management and quality improvement.



Help prepare clinicians to confidently respond to cardiac arrest events.





QUESTIONS

American Heart Association