

## ACLS Virtual Reality Simulation for First Responders

For first responders, no two cardiac emergency calls are ever the same. Each location, each patient, each event is unique. It's critical that first responders have consistent, repeatable, hands-on training that prepares them for any cardiac situation. But delivering frequent training can be a challenge.

This is why we created an immersive, repeatable ACLS VR simulation for first responders. Developed in partnership with EMS agencies, our VR simulation can be done whenever, wherever, and however often it's needed. So your staff doesn't have to come in on their days off... and you don't have to pay overtime or spend time resourcing and orchestrating expensive training days.

*ACLS Virtual Reality Simulation* instructs participants and validates the competencies requisite to diagnosing and resuscitating adults with cardiopulmonary arrest and other common cardiopulmonary emergencies. By virtualizing training, organizations are able to provide refresher training at scale and less than the cost of physical simulation.

Learners play the role of the team lead running the mega code and are provided thirteen total scenarios that reflect both cardiac and non-cardiac arrest scenarios. The experiential learning method requires learners to identify the different cardiac waveforms and direct virtual team members to shock, give meds, and/or perform CPR as necessary using voice recognition technology.

*ACLS VR Simulation* works on any Windows based VR device and with Health Scholars' VR-ready simulation management software, you can schedule, administer, and track learner progress all in one simple dashboard. Our Clinical Readiness Assessments let learners view VR reporting to track and improve upon their own readiness and administrators can identify learning gaps across an entire organization, specific station, or an individual learner.

To learn more visit [healthscholars.com/ACLS-for-EMS](https://healthscholars.com/ACLS-for-EMS).

### AT-A-GLANCE:

*ACLS Virtual Reality Simulation* can be used as a pre-learning application before physical simulation or as supplemental training to validate and refresh competencies requisite to identifying and managing the ACLS core rhythms in stable and unstable patient conditions. Designed in accordance with AHA guidelines and specifically to reinforce:

1. Addressing team members by name and making eye contact
2. Situational awareness of team member fatigue and performance of tasks
3. Closed loop communications
4. Hospital notification

The *ACLS Virtual Reality Simulation* provides first responders the ability to apply their ACLS certification training through voice-directed actions to virtual team members for real-life interaction and practice. The simulation features:

- All of the AHA core rhythms plus return of spontaneous circulation (ROSC)
- Places the learner in the role of the team lead and recreates the stress of a code situation with real-life distractions
- Provides extensive practice, assessment and skills validation
- Can be done without having to schedule an entire team, extending the reach of training
- Can be done at the convenience of the learner encouraging frequency of training

## Product Overview

### NON-CARDIAC ARREST

Learner must recognize rhythms to inform management of a non-arrest patient.

- SVT (AVNRT)
- Sinus Tachycardia
- Ventricular Tachycardia
- Sinus Bradycardia
- 2nd Degree AV Block - Type 1
- Atrial Fibrillation with RVR
- Atrial Flutter
- AV Block



### CARDIAC ARREST

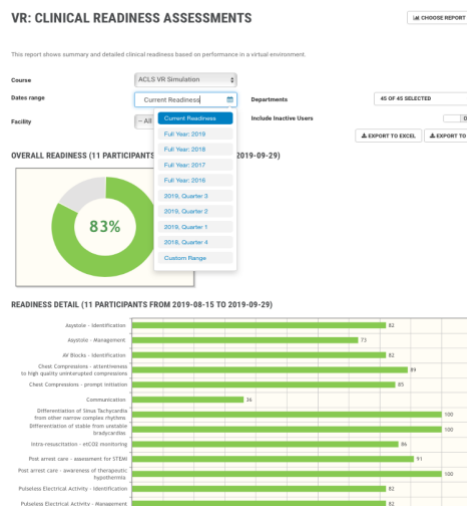
Learner must demonstrate situational awareness of the patient's condition, ensure high quality chest compressions, avoid excessive ventilation and manage the following rhythms:

- Ventricular Fibrillation
- Ventricular Tachycardia
- Pulseless Ventricular Tachycardia
- Agonal/ Asystole



### OTHER FEATURES

- Ask the patient about their condition
- Ask for sedation medications
- Ask for the patient to be intubated
- Ask for an ECG
- Ask for pulse and rhythm checks
- Ask to perform intraosseous
- Simulation debrief
- Readiness assessment reporting



Contact us at [info@healthscholars.com](mailto:info@healthscholars.com) to schedule a demo