Lifesaving Training Revolutionized: Enhanced Precision, Limitless Reach

Committed to advancing lifesaving education and skills, the American Red Cross and Elevate Healthcare have joined forces to deliver the new, innovative Elevate™ SMART Manikin training solution for First Aid/CPR/AED and BLS, ALS, PALS education and skills assessment.

We have reimagined the learning environment to give you limitless reach. Tailored for self-directed learning, this solution maximizes instructor efficiency while ensuring learners master essential skills with unmatched technical accuracy, objectivity and consistency.

American Red Cross
Training Services

elevate HEALTHCARE

New Flexible Training Solution

Our new self-directed training solution offers unparalleled convenience and efficiency for both learners and organizations. Learners begin their certification with a flexible, didactic eLearning course taken at a time and day of their choosing. With adaptive learning, learners can test out of familiar concepts and focus on less familiar and new content.

Upon successful completion of the eLearning course, learners schedule a skills session with the SMART Manikin. In a private setting, they practice skills with the manikin and the tablet. An instructor, designated by your organization, is on call for support if needed. After successfully passing all required skills sessions, learners automatically receive their certification by email.

SMART Manikin Options

elevate™ SMART Manikin

The Elevate SMART Manikin is a self-directed manikin that provides evaluation for proper CPR skills and enables learners to combine compression and ventilation skills in complete CPR cycles.

Skills Assessments
- Compressions
- Ventilations (Breaths)
- CPR Cycles

Courses
- Basic Life Support (BLS)
- Advanced Life Support (ALS) Coming Soon
- Pediatric Advanced Life Support (PALS) Coming Soon

* AED and Obstructed Airway skills assessments are not included with the basic model.

elevate™ SMART Manikin plus

The Elevate SMART Manikin Plus goes beyond traditional CPR evaluation with first-to-market solutions for AED placement and self-directed First Aid skills including infant choking and direct pressure for the control of life-threatening bleeding.

Skills Assessments
- Compressions
- Ventilations (Breaths)
- CPR Cycles
- AED Utilization
- Obstructed Airway (Choking)
- Direct Pressure

Courses
- Adult and Pediatric First Aid/CPR/AED
- Adult First Aid/CPR/AED
- Adult and Pediatric CPR/AED
- Adult CPR/AED
- Basic Life Support (BLS)
- Advanced Life Support (ALS) Coming Soon
- Pediatric Advanced Life Support (PALS) Coming Soon

* AED can be added to BLS, ALS and PALS. Obstructed Airway can be added to BLS with AED.

Workplace

Healthcare

Public Safety

Military

Adaptable to Your Industry

The SMART Manikin training solution, with its broad spectrum of skills options, seamlessly integrates into a wide variety of environments—whether in training provider facilities, workplaces, public safety agencies, hospitals, military bases or educational institutions—enhancing learning and skills development everywhere.

By selecting the appropriate certification course and available add-on skills, this training solution can be customized to fit any learner's need in First Aid and Resuscitation education.
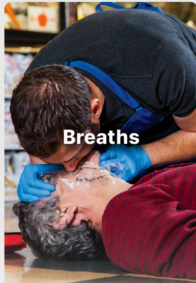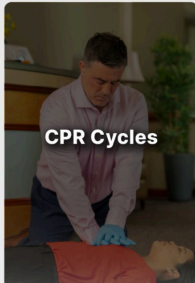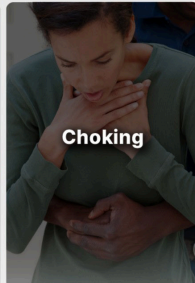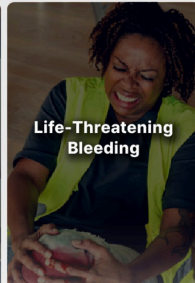
# Objective And Quantitative Skills Assessments
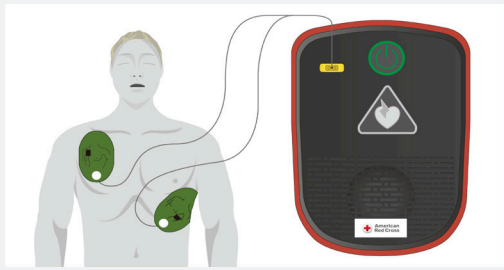
AED Utilization

Adeptly assess the correct locations to place AED pads on both the adult and infant manikins and deliver a shock with the integrated AED built into the tablet software.

Obstructed Airway (Choking)

The infant manikin allows for physical performance of back blows and chest thrusts while assessing proper location and count. The tablet software verifies correct hand placement of back blows and abominal thrusts for Adult Obstructed Airway.

Repeat back-blows and chest thrusts if still choking.
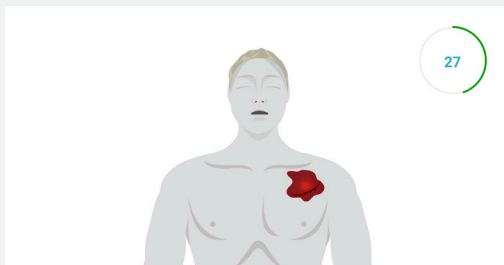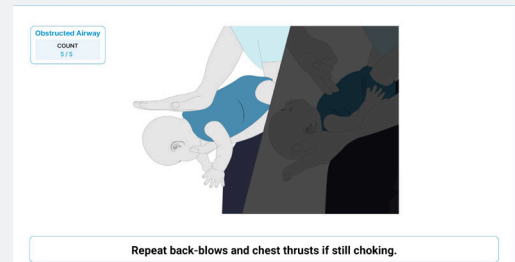

Direct Pressure

Precisely evaluate the direct pressure required to stop life-threatening bleeding using a pressure sensor on the adult manikin.

*AED Utilization, Obstructed Airway and Direct Pressure are first-to-market solutions for self-directed skills.

Personalized Lifesaving Training That Goes Beyond the Traditional Classroom Environment

The SMART Manikin solution extends your training options and resources by offering on-demand learning and self-directed skills assessments anytime, anywhere. Objective, quantitative feedback, incorporating visual and audio cues, results in the most precise preparation of lifesaving skills.
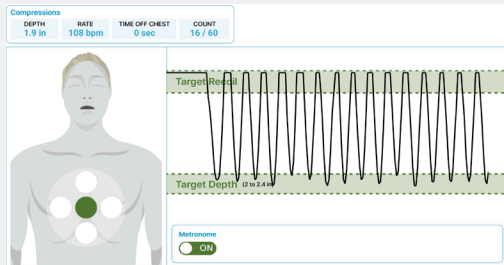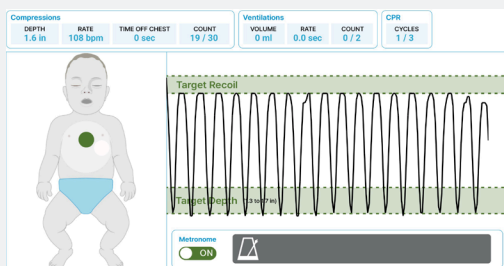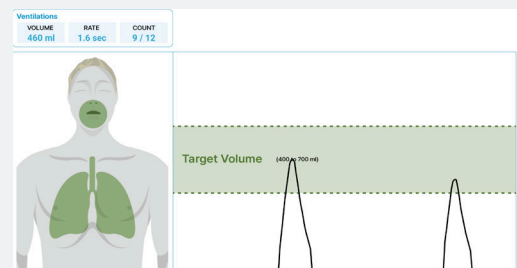
Compressions

Accurately measure and assess the depth, rate, count and recoil of chest compressions with proper hand placement. An integrated metronome is available for optional assistance.

Ventilations (Breaths)

Correctly measure the volume, rate and count of ventilations provided. Proper head tilt is required for adequate airflow to the lungs.

CPR Cycles

To ensure full competency of lifesaving skills, learners must demonstrate the complete CPR cycle by combining compressions and ventilations. The manikin incorporates all the above measurements while precisely quantifying the time off chest.

Optimize Instructor Resources While Reducing Administrative Burdens and Operating Costs

Utilizing on-call instructors enables the support of multiple participants remotely while increasing availability to focus on additional training and administrative tasks. With the preferred API integration, this solution provides automatic entry of "Pass" scores and course records as the technology accounts for those actions.

Enhance Student Learning, Tracking and Reporting

Our solution enhances the learning experience with "Just in Time" videos that help guide the learner throughout the skills assessment process. Intuitive dashboard reports enable administrators to quickly evaluate learner performance, pinpoint areas for improvement and track progress over time, all while meeting compliance and regulatory requirements. The result? The most precise and best educational experience to help ensure better outcomes.
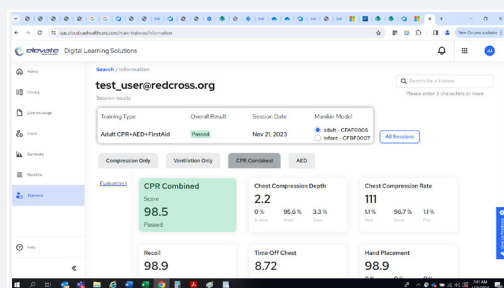

Just In Time Video Support

"Just In Time" videos incorporate additional learning and tips prior to each skills assessment. This educational refresher aims to ensure that learners are comfortable performing skills in this self-directed format.

Skill Performance Summaries

Reporting after each skills session indicates user performance within each measured criterion. The details provided illustrate the learner's successes, as well as any remaining areas for improvement.

## Individual User Admin Dashboard

Dashboard reporting provides detailed data on individual student performance, allowing an administrator to evaluate performance and identify areas for improvement.

Aggregated Admin Dashboard

The aggregated dashboard for all learners allows the administrator to view key program metrics including overall organizational performance, average time of sessions and pass rates.
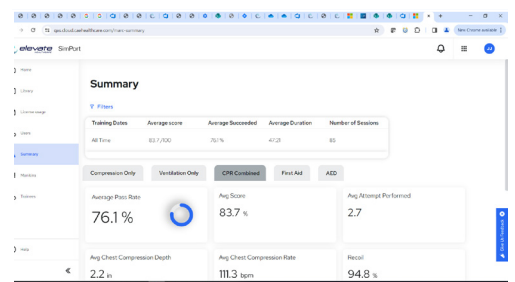
A state-of-the-art, self-directed feedback manikin, coupled with our comprehensive evidence-based curriculum and award-winning innovative course design, delivers the most precise and best educational experience ensuring better outcomes.

Applicable Red Cross Certification Courses

Adult and Pediatric First Aid/CPR/AED
Adult First Aid/CPR/AED
Adult and Pediatric CPR/AED
Adult CPR/AED

BLS (Basic Life Support)*
ALS (Advanced Life Support)* Coming Soon
PALS (Pediatric Advanced Life Support)* Coming Soon

*AED can be added to BLS, ALS and PALS. Obstructed Airway can be added to BLS with AED.

| Technical Specifications	
Manikin	**Standard Equipment**
Adult Size: 27" L x 13" W x 8" H (68 cm x 33 cm x 20 cm)	Power cord for AC use
Infant Size: 28" L to foot (22" to groin) x 15" W (elbow to elbow) x 6" H (lying on back) (71 cm x 38 cm x 15 cm)	Replaceable lung bag
Adult Weight: 9.9 lbs. (4.5 kg)	Neutral skin tone, button-on chest and face skin
Infant Weight: 9.3 lbs. (4.2 kg)	AED magnetic pads
Carrying Case: (manikins are carried on their sides) 29" L x 10" W x 15" H (74 cm x 38 cm x 25 cm) 1.5kg (total package: 6.5 kg)	Android software that integrates with manikin
Electrical	American Red Cross-branded carrying case that unfolds to a padded cushion for kneeling
AC Input: AC 115-230VAC, 50/60Hz	Two years of Elevate Express Assurance warranty plan
Internal Batteries: 6 x C for Adult; 6 x AA for infant (batteries not included)	
Runtime: Approximately 4 hours	
Software Requirements	
Android OS 8.0 Oreo or better recommended	Samsung Galaxy Tab A8 or A8+ for a slightly larger screen is strongly recommended
iOS version coming soon	NOTE: Computer and laptop are not currently available.

Requirements

Course Licensing
Customers gain the convenience of assigning training and tracking online completion through their own learning management system (LMS).

Course Record Entry (CRE) API
The CRE API allows for automatic course record entry into the Red Cross Learning Center via the customer LMS.
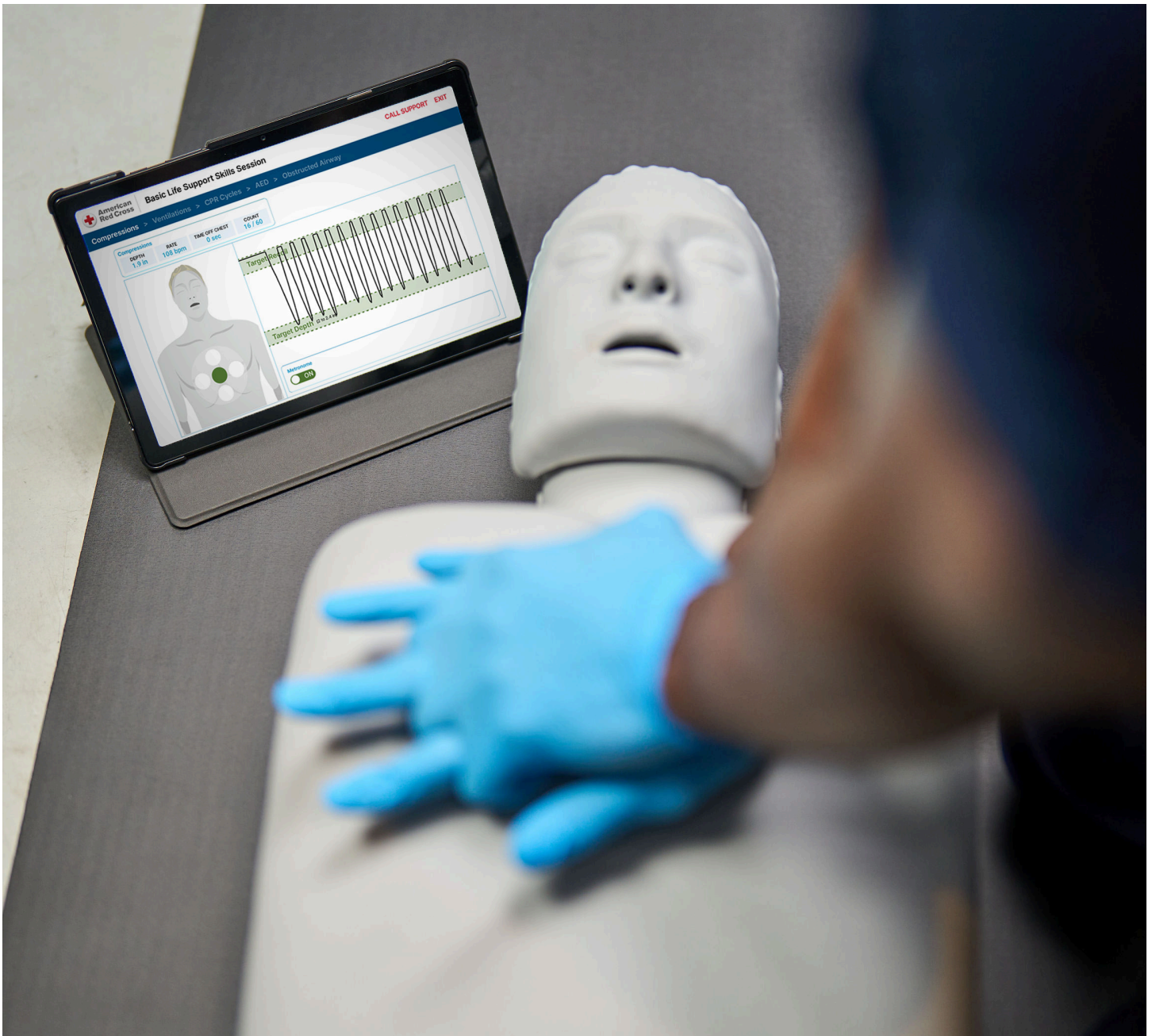
As the leader in First Aid, CPR and AED training, the Red Cross believes in advancing training education, standards and tools to ensure the quality and consistency of the training given by the Red Cross and its licensed training providers.

COMING SOON TO OUR LOCATION IN 2025

Contact Pennie Ohia at (313) 306-1401