

# AUGMED®

eXtended Reality Anytime, Anywhere TCCC Trainer



## Adaptive, Immersive Hands On Medical Training

AUGMED® is an eXtended Reality (XR) blended training solution for Tactical Combat Care (TCCC) that combines augmented, virtual, and mixed realities into a next dimension training paradigm. War-fighters can use AUGMED® to train and reinforce TCCC fundamental skills and decision making under realistically stressful conditions by placing the trainee into a virtual, contextualized environment while performing hands-on medical skills application.



### Increase Efficiency/ Decrease Cost

Rapidly generate adaptive, reality-based training content, thereby reducing costs associated with live training trials



### Increase Quality

Provide personalized, competency-based training solutions that rapidly drives trainees to proficiency



### Highly Relevant

High-tempo, contextually rich, immersive training reinforces fundamental medical skills and decision making while reducing the potential for cybersickness effects

## HOW DOES IT WORK?

- ➔ CLS/TIER1 & 2 TCCC training content based on COTC/Deployed Medicine curricula, MSTC observations, and SME iteration
- ➔ Includes multiple lessons along the crawl-walk-run continuum with scenarios utilizing the MARCH algorithm
- ➔ Modular framework that is scalable and extensible to other curricula; as well as platform agnostic
- ➔ Fuses competency-based assessment with adaptive training to personalize learning and quickly drive to proficiency
- ➔ Embodies naturalistic gestures and voice communication with high-tempo, realistic immersive scenarios
- ➔ Self-guided, anytime, anywhere mobile solution ready to deploy now. On hand-held and Head Worn Display devices
- ➔ User tested at multiple medical training facilities, including Hurlburt Field, MacDill 6th MDG, Special Warfare Medical Group Trauma 3, Ft Indiantown Gap and Ft Bragg MSTC

## Alignment with TCCC Training Priorities & Challenges

- ➔ AUGMED®'s XR blended paradigm fundamentally transforms and exponentially improves the approach to TCCC training, ensuring readiness in critical life-saving skills such as life threatening bleeding control, airway management, and respiration management
- ➔ AUGMED®'s anytime mobile solution ensures all war-fighters gain and maintain true proficiencies in medical competencies
- ➔ Transition to classroom and refresher training accelerated and funded by the Joint Warfighter Medical Research Program (JWMP)
- ➔ AUGMED® mitigates potential AR cybersickness effects as a direct result of MTEC research efforts completed in 2021
- ➔ Actively seeking continuing research efforts into safety concerns with cybersickness in AR/XR

## CONTACT US

JoAnn Archer | [joann.archer@designinteractive.net](mailto:joann.archer@designinteractive.net)  
Claire Hughes | [claire.hughes@designinteractive.net](mailto:claire.hughes@designinteractive.net)

[designinteractive.net](https://designinteractive.net)



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