

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

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Design Interactive Inc is a woman-owned small business specializing in human systems integration and committed to developing innovative solutions that accelerate human performance.