

EFFECTIVE

An AI virtual training system for medical and logistics personnel

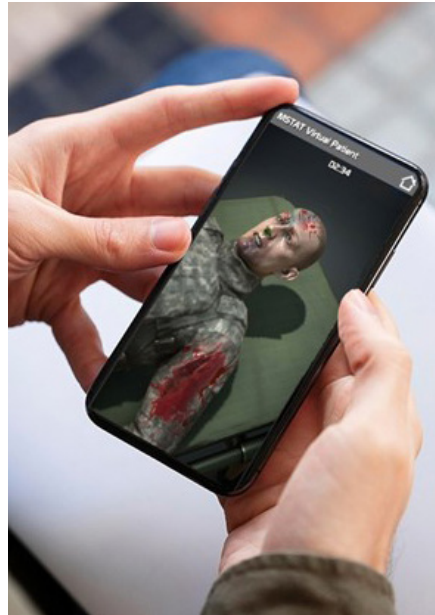
Optimizes the trainee's learning path

EFFECTIVE is a mobile-friendly, personalized training program for medics to practice and refine tactical combat casualty care skills on virtual patients.

EFFECTIVE intelligently adapts to a specific trainee's learning curve, improving training efficiency with individualized learning paths and curricula.



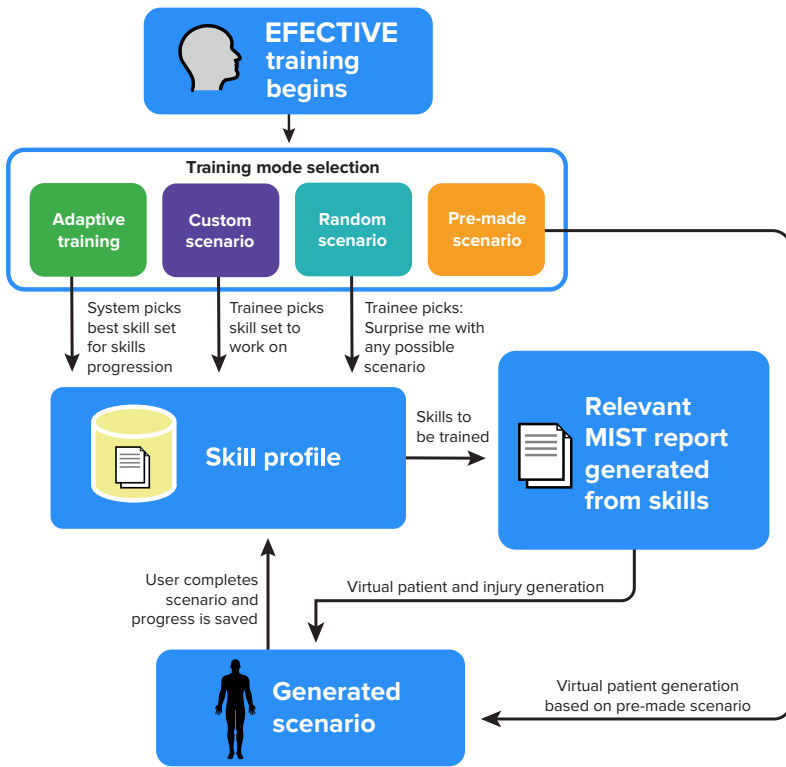
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Addresses training challenges for casualty care

A virtual environment can provide valuable skills training without requiring time-consuming field exercises or costly physical simulators. EFFECTIVE's virtual technology presents rapid, 5-10 minute scenarios so that trainees can quickly visit—and revisit—numerous challenging environments, better preparing them for real-world scenarios.

Trainees can have a wide range of abilities and knowledge; EFFECTIVE's individualized training accommodates these differences, providing virtual, interactive patients with varying levels of injury and tracking individual progress. EFFECTIVE can deliver a series of existing scenarios or automatically generate novel scenarios tailored to specific learning needs.



AI tailors scenarios to the trainee’s learning curve in real time

EFFECTIVE’s adaptive intelligent training technology combines Charles River’s advanced decision-making framework with knowledge from experienced military medical personnel. This framework assesses trainee proficiency against objective performance metrics linked to skills, giving each trainee the benefit of a virtual built-in “instructor.”

When trainees show weakness on a subset of skills, the AI automatically tailors subsequent scenarios to address that gap.

Key advantages



Virtual training helps trainees master the rapid, critical decision-making skills needed to save lives, giving them the confidence to perform quickly when faced with real-life emergencies.



Training tailored to an individual’s current abilities and knowledge increases efficiency and reduces training time and cost.



Charles River Analytics’ training technology can easily be scaled and applied to other medical training curriculums.

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technology to serve the world™**

Charles River Analytics brings foundational research to life, creating human-centered intelligent systems at the edge of what’s possible, through deep partnerships with our customers.

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