





## Introducing the Simbionix TraumaVR Simulator

Elevate your urgent care medical training to a new level with TraumaVR's mixed reality simulator. Embed yourself in a highly stressful environment with real-life scenarios that push your skills to the limit. Our immersive training integrates urgent care medical encounters with cutting-edge mixed reality technology, allowing physicians and first responders to engage in the most stressful conditions.

- **Combined Solution in One Platform** - Combining physical and virtual training to get the full-blown immersive experience of high-pressure, high-risk situations.
- **Mimics Real Life** - Our immersive technology accurately replicates real-life procedures by effortlessly synchronizing the virtual environment with the physical manikin, ensuring precise movement tracking and providing valuable feedback.
- **Versatile Training** - The TraumaVR provides a selection of interchangeable scenes and scenarios, spanning a wide spectrum of difficulty levels, patient anatomies, injury types, and states of consciousness.

## Training Solutions Comparison

	INSTRUMENT OPERATION	INSTRUMENT TRACKING	MANIKIN TRACKING	TRACKED USER ACTIONS	INTEGRATED COMPLEX SCENARIOS	MAINTENANCE COST
TraumaVR	YES	YES	YES	YES	YES	LOW
Patient Manikin	YES	NO	NO	SOME	NO	HIGH
Virtual Reality	NO	NO	NO	YES	YES	LOW

Experience the Simbionix TraumaVR Simulator, where cutting-edge mixed reality technology transports you into the heart of emergency and urgent care scenarios, providing an astonishingly lifelike visual and tactile experience.

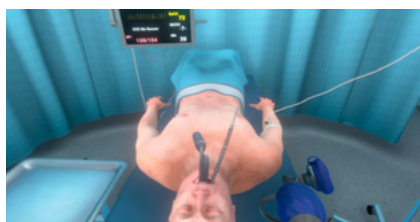
## Modules

### Airway Management

The Airway Management module allows for realistic tracheal intubation practice using actual tools. It offers precise monitoring of ET Tube insertion and pre-ventilation levels, featuring hospital and pre-hospital scenarios with varying degrees of intubation difficulty.

### Ultrasound

The Ultrasound module includes procedural tasks and clinical cases for the training of the extended Focused Assessment with Sonography for Trauma (eFAST) examination as well as the Rapid Ultrasound for Shock and Hypotension Examination (RUSH). It enables training in the evaluation of free fluids in the peritoneal cavity as well as the pericardium and plural space after a traumatic injury in an extended educational environment.



HOSPITAL SCENARIO



FIRE SCENARIO



EFAST

## Who Can Benefit?

- Healthcare professionals working within hospital settings, including emergency physicians, critical care physicians, and anesthesiologists.
- Professionals operating in a pre-hospital context, encompassing all preparatory activities preceding preceding any medical procedures, such as first responders, EMTs, and military corps physicians.



1:1 VIRTUAL TO PHYSICAL REGISTRATION



*"After two years away from intubation procedures, using the TraumaVR simulator has been a remarkable refresher. What sets this simulator apart as an invaluable tool is the fact that it allows me to collect crucial patient information through personal examination and observation rather than relying on verbal instructions from others."*

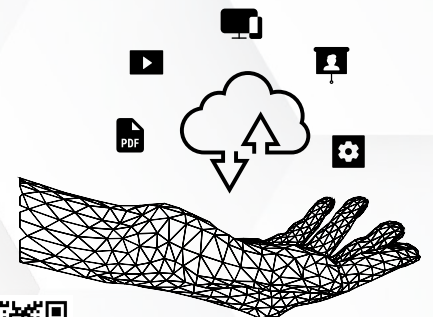
Military Paramedic

*"The TraumaVR simulator replicates the high-stress scenarios encountered in the battle field. It offers a comprehensive experience, ensuring that every patient treatment is carried out with precision, in contrast to traditional field training, which often involves only partial practice."*

Military Medical Officer

## MentorLearn Cloud

Ask how the MentorLearn Cloud simulator curricula management system can support your Symbionix simulator. MentorLearn's many capabilities include remote simulator administration, online learning, anywhere results monitoring, proficiency based hands-on training, as well as simulation video capture that is ideal for debriefing.



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Would you like to hear more about how your organization can benefit from simulation? Please get in touch, we'd love to hear from you.  
Request a demo at [info@surgicalscience.com](mailto:info@surgicalscience.com)