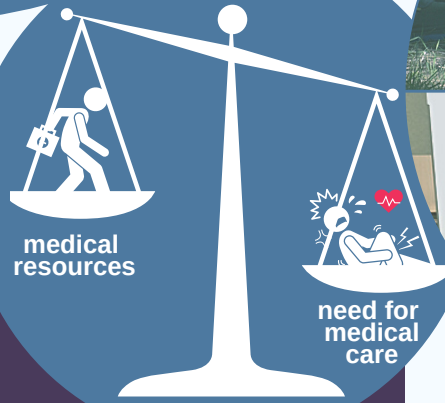


MASS CASUALTY INCIDENT (MCI) TRAINING

Definition MCI: Available resources are insufficient for the urgent need for medical care and many injured people are affected.



Current MCI Training

- Simulation in classroom/paper or
- Large-scale simulations in real-life closed down areas

Current Challenges

- Classroom/paper exercises are not realistic enough
- Large-scale real-life simulations are resource intensive
- Only a few medical first responders per year can participate in large-scale exercises
- Money for rare incidents is scarce
- VR solutions miss haptics
- MCI training is not considering the stress of trainees
- etc.

Cost Drivers Current Training

- Training Environment preparation
- Human resources
- Preparation of cases
- Briefing role players
- Realistic wounds
- Evaluation of results
- etc.

MED1stMR mixed reality training solution

Virtual reality + enhanced VR-enabled simulation manikins in mixed reality (MR) combined with smart wearables (measure the biosignals of the trainees during training) and options to steer and edit (injured people, wounds, scenario editing etc.) the training flow in accordance with the capabilities of trainees to better train decision-making, skills and resilience

An immersive experience of video, audio and haptics combined with stress measurement and multi-dimensional debriefing of digital training



MED1stMR
Mixed Reality Training

www.med1stmr.eu

