

# Field Trials

**JOHANNITER AUSTRIA, VIENNA, AT**

24th - 28th JUL 2023

**UNIVERSITY CLINIC HEIDELBERG, DE**

25th - 29th SEP 2023

**REGION JÄMTLAND HERJEDALEN, SE**

16th - 20th OCT 2023

**CAMPUS VESTA, RANST, BE**

27th NOV - 1st DEC 2023

**SUMMA 112 - SERMAS, MADRID, ES**

11th - 15th DEC 2023

**HELLENIC RESCUE TEAM, THESSALONIKI, GR**

22nd - 26th JAN 2024

TRAIN

[SKILLS.  
RESILIENCE.  
PERFORMANCE]

SAVE LIVES

# Project Partners

A multidisciplinary consortium with 18 partners from 9 European countries brings together technology, research and end user:

## Coordinator:

- **AIT- Austrian Institute of Technology – Center for Technology Experience, AT**
- Ruprecht-Karls-University Heidelberg, DE
- Umeå University, SE
- University of Bern, CH
- Montanuniversität Leoben – Zentrum am Berg, AT
- Refense AG, CH
- PLUX, Wireless Biosignals , PT
- D2D - Medical-X, NL
- IDENER Research & Development Agrupacion De Interes Economico, ES
- USECON – The Usability Consultants, AT
- Mindconsole, AT
- Hellenic Rescue Team, GR
- Johanniter Österreich Ausbildung und Forschung, AT
- SERMAS - SUMMA 112, ES
- University Clinic Heidelberg, DE
- Region Jämtland Härjedalen, SE
- Johanniter International, BE
- Campus Vesta, BE



# MED1stMR



Smart  
Mixed Reality  
Training  
train to save lives



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# Key Benefits

## Training Experience

Realistic & haptic training with active & immersive learning in a safe environment.

## Biosignal Measurement

Learn to cope with stress & enhance resilience to better prepare for real-life.

## Flexibility

Train any tailored scenario in "impossible" environments and adapt the scenario live.

## High end-user involvement

Developed with European medical first responder organisations.

## Cost efficient

Resource (time, money, human resources, etc.) saving in preparation and execution.

# About MED1stMR

The European H2020 research and innovation project **MED1stMR** develops a pioneering **mixed reality (MR) training solution** combining **medical patient simulation manikins** with **virtual environments, stress measurement, and smart scenario control** to better prepare European medical first responders for disaster situations.

## Main Features

**Mixed Reality Training solution** with patient simulation manikins, medical tools and enhanced debriefing options

**Trainer Dashboard & AI-based Smart Scenario** Control for efficient performance monitoring and training control

**Training Framework** with guidelines for trainers and toolkit for decision and policy makers

**Scientific insights** on stress and performance to design training scenarios for optimal disaster preparedness



## Try it out & learn more

17. & 18. APRIL 2024

Final Conference in Ranst, Belgium

More Information:

[www.med1stmr.eu](http://www.med1stmr.eu)

Q&A and press & media: [harthum@usecon.com](mailto:harthum@usecon.com)

Trainers can monitor trainees, stress data as well as performance and adjust the training process live to the trainees' capabilities to improve training outcomes on medical skills, decision-making as well as resilience for disaster preparedness.