

MedKom.

Practitioner partner for civil security, disaster resilience and health crisis research.

15+ yrs

acute & intensive care

6 yrs

Rega aeromedical jet ops

M.A.

International Security Studies

Biodefense

Thesis · Munich Medical Biodefense
Conf. 2025

ORGANISATION

MedKom GmbH

St. Gallen, Switzerland

SME · micro enterprise

Active since 2022 · GmbH registered
2023

UID CHE-471.652.230

EU PIC

861179775

Switzerland fully associated to Horizon
Europe since 2025

CONTACT

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Managing Director

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ROLE

Partner with a practitioner / end-
user work package

CAPACITY

Part-time, flexible person-months

LANGUAGES

German (native)

English (B2; master's degree
completed in English)

KEY PERSON · MATTHIAS VETTER

Critical care and aeromedical practitioner with a background in security policy and health service management.

- **Aeromedical** Flight Nurse & Security Officer, Rega jet operations (2015–2021): ventilated patients in air transport, jet operations safety and security, patient handovers in Switzerland and abroad.
- **Critical care** Expert in intensive care since 2013; shift lead, Cantonal Hospital St. Gallen (2016–2021); Deputy Head of Nursing, ICU Cantonal Hospital Winterthur (2021, ~80 staff); ICU assignments via MedKom since 2022; currently Expert in intensive care, HOCH Health Ostschweiz (since 2025).
- **Biosecurity** M.A. International Security Studies, Bundeswehr University Munich / George C. Marshall Center (2024). Thesis on Swiss ICU responsiveness to bioterrorist threats from CRISPR-Cas-modified viruses, presented at the Munich Medical Biodefense Conference 2025.
- **Management** MAS Health Service Management (OST); CAS International Cooperation and Global Health (Swiss TPH / University of Basel).
- **Quality** Member of the Quality Commission and the Peer Review group, Swiss Society of Intensive Care Medicine (SGI).

WHAT WE CAN CONTRIBUTE

- **End-user requirements** needs of clinical, ICU and aeromedical responders
- **Scenarios & exercises** mass casualty, ICU surge, evacuation, CBRN patient care
- **Field & usability testing** equipment under real clinical and aeromedical conditions
- **Validation & training** feasibility, patient safety, curricula for responders

TOPICS OF INTEREST

Cluster 1 · Health

[HLTH-2027-01-ENVHLTH-MISSCLIMA-03](#) Health adaptation tools for climate change · 17 Feb 2027

[HLTH-2027-02-IND-02-two-stage](#) Point-of-care diagnostics · stage 1: 17 Feb 2027

Cluster 3 · Civil Security for Society

[CL3-2027-01-DRS-01](#) CBRN-E protective gear and smart equipment · 4 Nov 2027

[CL3-2027-01-DRS-03](#) Decision support systems for disaster crises · 4 Nov 2027

[CL3-2027-01-DRS-04](#) Preparedness for large-scale cross-border disasters · 4 Nov 2027