
truesim
training
confidence
care

TRAINING , CONFIDENCE, CARE

The future of clinical competence

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ADDRESSING THE FRICTION
IN CLINICAL EDUCATION AND PRACTICE

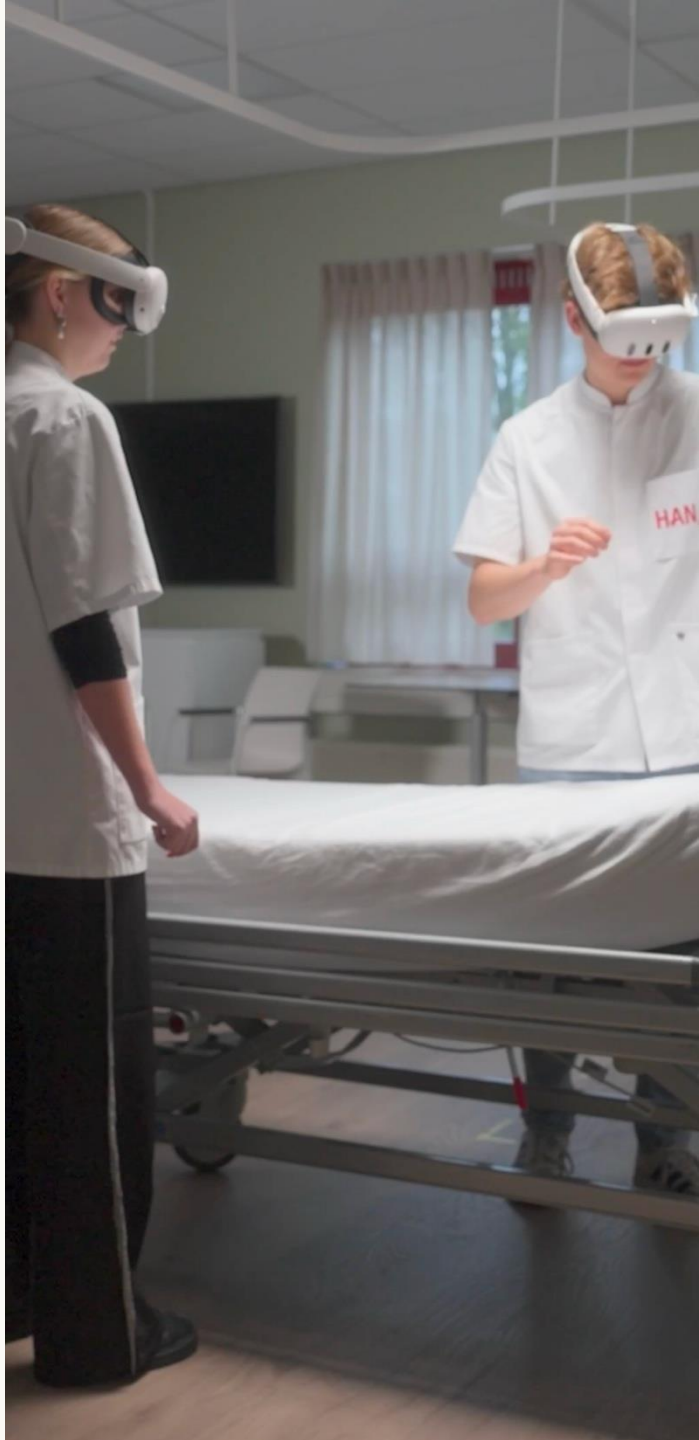
The growing healthcare training challenge

Clinical training has become misaligned with the speed, complexity, and operational realities of modern healthcare.

Traditional training models have reached their limit and can no longer keep pace with the demands of modern healthcare education and practice.

The market is shifting from periodic education toward continuous, data-driven, workflow-integrated clinical enablement — with a growing need to improve workforce readiness, adoption, performance, and quality of care.

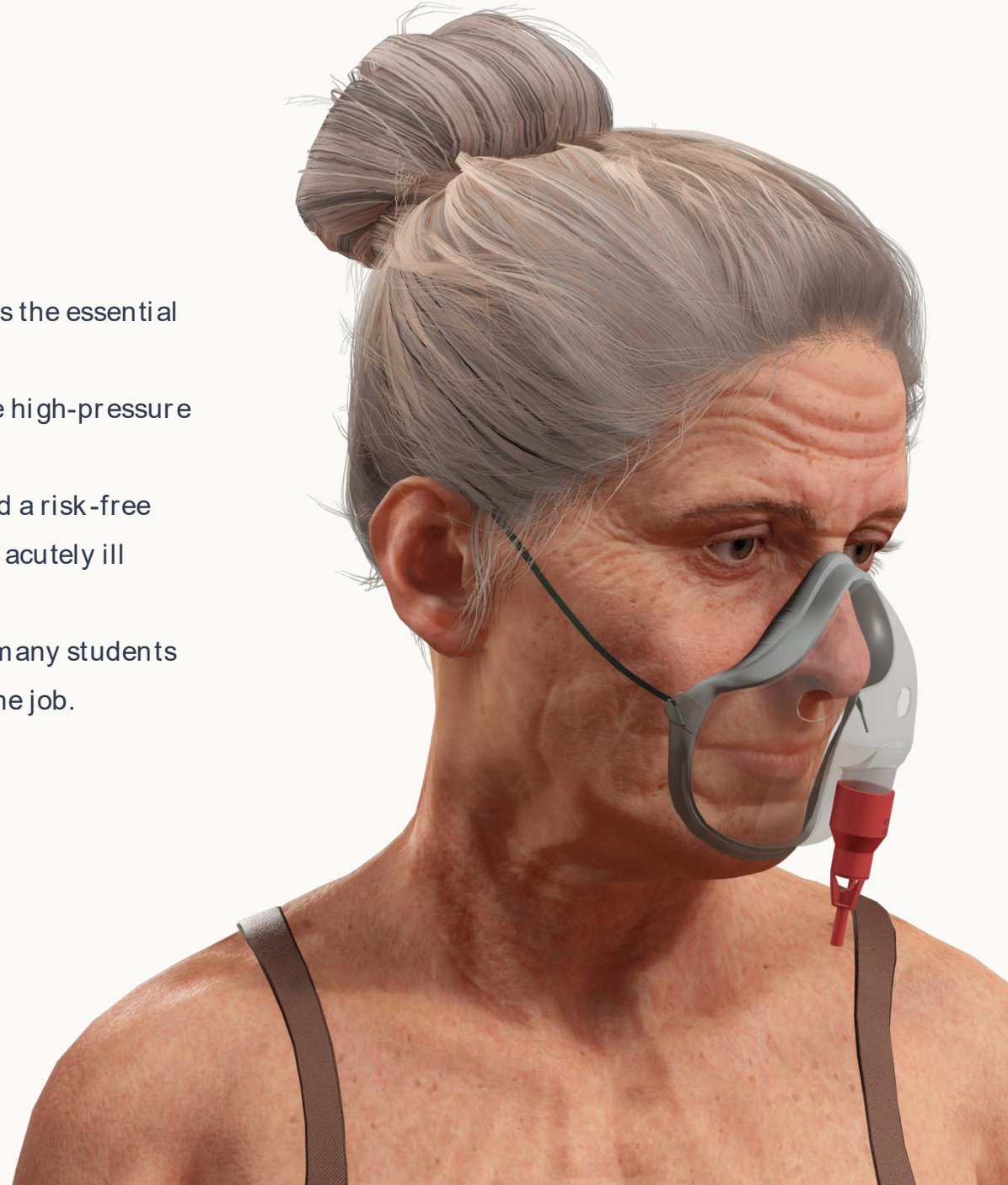
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TRADITIONAL CLINICAL TRAINING

The realism gap

- **Environmental disconnect:** Training in unfamiliar labs lacks the essential context and realism of the actual clinical floor.
- **Safe learning environment:** Traditional classrooms lack the high-pressure urgency needed to develop genuine clinical intuition.
- **The safety barrier:** Students & healthcare professionals need a risk-free space to learn, yet manikins lack the emotional realism of an acutely ill patient.
- **Inconsistent experience:** Varied clinical placements mean many students never witness critical emergencies before their first day on the job.



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THE OPERATIONAL REALITY

The logistics gap

- **Knowledge Decay:** Infrequent "once-a-year" sessions cause rapid skill drop-off, leaving teams unprepared for real-world crises.
- **The Scheduling Paradox:** Clinical managers struggle to balance mandatory training with critical patient care, leading to staffing shortages and increased stress.
- **A Burden on Retention:** These systemic inefficiencies act as a secondary driver of attrition, adding to the cumulative burnout that often leads clinicians to leave the bedside.

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WHAT SET'S TRUESIM APART:

What if clinical training could happen where care is delivered, with true-to-life realism?

TrueSim fosters a culture of continuous improvement by enabling frequent, immersive practice that continuously develops **clinical reasoning skills**:

- **Unmatched Clinical Realism:** Immersive Mixed Reality blends digital patients with your real clinical environment.
- **High Frequency, Low Dose:** Frequent, low-dose practice builds confident clinical reasoning and skill retention.
- **A Structured Clinical Framework:** Every scenario is built on the ABCDE method and SBAR(R) communication.
- **Training Without Disrupting Care:** Short (individual or team) sessions fit into daily workflows and in your own environment
- **More Clinical Exposure:** Increase students' clinical exposure despite limited clinical placements.

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TRUESIM TRAINING MODULES

We don’t just teach, we prepare

We provide 22+ validated and realistic ABCDE and SBAR training scenarios in three categories;

- **Respiration:** pneumonia, pulmonary embolism, anaphylaxis, pneumothorax, cardiac asthma.
- **Circulation:** sepsis, myocardial infarction (heart attack), hypovolemic shock.
- **Central Nervous System:** CVA (stroke), hypoglycemia, intoxication.



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MODULAR, FLEXIBLE, OPEN

The TrueSim solution

XR Simulation Training App

- Modular architecture: content and context can be designed and implemented according to market demand
- Unity based, therefore hardware-independent
- Team training through multiplayer support

Learning Management System

- Personal learning insights: learners can track their own progress and results
- Organizational insights: educators and managers can analyze learning data
- Web-based, open-standards application
- LTI/AGS and xAPI support

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TRUESIM VALUE

Measurable impact, proven results

> ***39% Higher Learning Outcomes:***
> *Independent research by Thomas More University confirmed significantly improved learning outcomes.*

- **Improving Patient Care:** Stronger clinical reasoning and earlier deterioration recognition lead to better patient outcomes.
- **Reduced Operational Costs:** Flexible, at-the-workstation training eliminates costly staff backfill and travel.
- **Higher Staff Retention:** Confident, well-prepared staff experience less on-the-job stress: helping reduce burnout and the costly cycle of turnover.



A PROVEN SOLUTION

Our partners in innovation













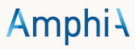






































HAN_UNIVERSITY
OF APPLIED SCIENCES



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The future of clinical competence

If these challenges resonate with you, please contact us to see how our XR Training can support your organization.

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