



VR NURSING RESEARCH

TACTILEVR.COM

ABOUT US

Tactile VR is a nursing-founded Virtual Reality Nursing Simulation company that utilizes Artificial intelligence for improved realism with patients, pathophysiology and moderation.

WHAT

Tactile VR can be utilized in clinical simulations to bridge the gap between theory and practice, preparing student for real-world scenarios.

PRODUCT AVAILABILITY

12 months

PROBLEM STATEMENT/GAP

Artificial intelligence, Virtual Reality Clinical Practice addresses a critical gap in transition to practice. There is a need to enhance both clinical nursing education, practice & clinical performance data collection.

Benefits of Tactile VR: Scalable Lab Space, On-Demand Practice, Immersive Clinical Experiences, Hands-on Interactive Lab Skills Practice.

METHODS

Research Design: Approach to reflect INACSL research priorities focused on the effectiveness of Tactile VR addressing the gap of transition to practice. **Data Collection:** Cloud-Based Website LMS Data (AI Generated Performance Data Collection). Structured observations & surveys. **Sample:** Nursing students and novice nurses.

ANALYSIS

Desired Outcome: Improved clinical decision-making, Enhanced Instructor moderation realism, Optimize critical thinking opportunity. **Evaluation:** Data collection with valid and reliable instruments to align with research priorities and project aims.

IRB Approval: IRB approval will be sought and obtained to ensure ethical conduct throughout the research process.

METHODS

Academic conferences, peer-reviewed journals, and workshops targeting nursing educators. We aim to share insights and best practices to advance nursing education through virtual reality simulations.

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INACSL RESEARCH PRIORITIES

- Evaluation Tools for Learner Assessment
- Patient Safety
- Psychomotor Skill retention
- Ratio of clinical hours to simulation time
- Simulation in practice settings
- Transition to Practice
- VR/AR serious games in Nursing