



VRpatients Call for Proposals: INACSL In-Kind Grant

About VRpatients®

VRpatients is a high-fidelity, immersive simulation and authoring platform that delivers asynchronous web-based and VR/mixed reality experiences. Our no-code authoring tools, asynchronous learning model, and web/VR deployment allow educators to design high-fidelity clinical scenarios that align with today's competency-based curricula.

Collaboration Objective

Five INACSL members will receive:

- **12-month full access** to the VRpatients software platform and authoring suite
- **12 hours of onboarding and scenario consultation**
- **Technical support and analytics tools**
 - Selected researchers will explore how virtual, web-based, or mixed reality simulations can improve learning outcomes and simulation access.
 - Consultation and support with subject matter experts including a PhD prepared nurse researcher

What VRpatients Offers

- AI-enabled patient dialog
- Browser-based, VR, or MR/XR deployment
- Timeline playback, scoring, and dialog evaluation
- No code, node-based authoring for full scenario design & control
- Alignment with AACN Essentials and HSSOBP standards
- Robust analytics for learner tracking and feedback

Suggested Research Focus Areas (Aligned with INACSL Priorities)

1. **Asynchronous & AI Simulation**
Compare VR/web sim to traditional methods; study learner autonomy and AI usability.
2. **Competency-Based Assessment**
Validate scoring for clinical judgment; align to AACN Domains 1, 2, 5.
3. **Underserved & Sensitive Topics**
Simulate IPV, mental health, or rural access; support IPE.
4. **Mixed Reality & Immersion**
Evaluate MR vs. Desktop or VR outcomes using passthrough on Quest 3.
5. **Faculty Development**
Study authoring's effect on educator skills and simulationist growth.
6. **Debriefing via Analytics**
Use AI-generated feedback and timeline data to support reflection.
7. **Equity & Accessibility**
Explore typed/voice input and browser-based access for all learners.

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