Current task trainer simulation models lack end user perspective in their designs. A significant need exists for wearable, low-cost, realistic, and accessible training videos addressing unique challenges in the clinical setting.

Project Plan and Timeline

- **Week 1:** Literature review and needs assessment (100%)
- **Week 2:** Design and prototype development (100%)
- **Week 3:** Fabrication of prototypes (100%)
- **Week 4:** Piloting prototypes and gathering feedback
- **Week 5:** Finalizing prototypes and dissemination

Outcomes

- Increased staff, patient, and family satisfaction
- Decreased PIV infiltrates, vascular access nurse calls
- Increased access to simulation training tools for TCH staff
- Potential patient safety outcomes
- Improved communication and collaboration between departments
- Enhanced understanding of PIV and port accessing techniques

LESSONS LEARNED

- Be persistent; innovation is a marathon, not a sprint.
- Incorporate institutional quality initiatives during the needs assessment and implementation phases.
- Utilize QR codes for easy accessibility to survey and skills videos.
- Be aware of back drop and wear gloves.

REFERENCES