MedCart AR: In Kind

Problem

ACLS/PALS/BCLS/RQI/etc training is critical, however, there is still low familiarity with crash cart items and their location. Nurses report low confidence and unfamiliarity using crash carts.

Solution

✓ **On-Demand** Replica Crash Carts - **In Your Pocket**

✓ No Need to Restock Carts - **It's All in AR**

✓ **Streamline Training** w/ Pre-Brief & Timed Challenges

✓ **Maximize Time** During In-Person Training

✓ Increase **Familiarity** and **Confidence** with Crash Carts

AR/VR & Serious Games in Nursing

✓ **Communication** - Access from ANYWHERE

✓ Immediate **Feedback** on Decisions Made

✓ **Learning Outcomes** (Familiarity & Confidence)

✓ Improve **Patient Outcomes** Through Repetition

✓ **Use for Training** so Prepared when with Patients

*INACSL is a clearinghouse to serve the interests of members and vendors and to advocate for simulation research. The contents of this flyer do not constitute INACSL's recommendations for commercial products.

Product Availability

12 Months

Methods

App collects simulation data derived from simulation encounters during a Code Blue scenario:

- time to complete sim
- accuracy
- etc
- common errors
- time spent in app

Analysis Plan

App collects average usage/performance data. Determine performance/improvement using below criteria and other insturments:

- baseline data
- before/after results
- engagement
- familiarity/confidence
- response time
- etc

Feasibility Plan

App is able to be used for the following situations obtaining both quantitative and qualitative data:

- orientation
- sim lab
- etc
- in-person training
- at researcher discretion

Dissemination

INACSL, IMSH, Simulation Hubs,, Webinars, Socials, Journals, Other Opportunities at Research Discretion