Development and Evaluation of a Virtual Reality Simulation Environment for Cardiology Education: A Pilot Study

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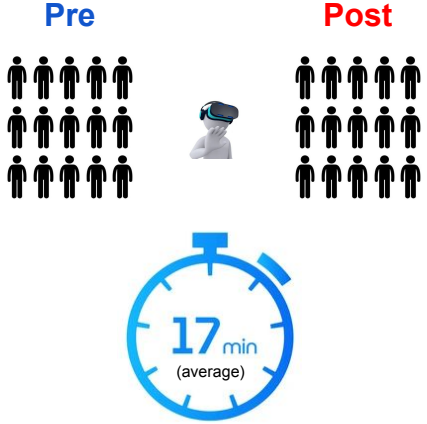
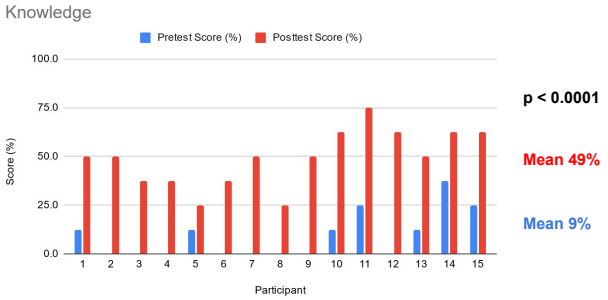
Background:
Cardiac catheterization uses radiation to project the 3D coronary arteries onto 2D images. Learning different angles and views is critical to learning intervention. This is a source of hazard for trainees, staff, and patients during cardiology education

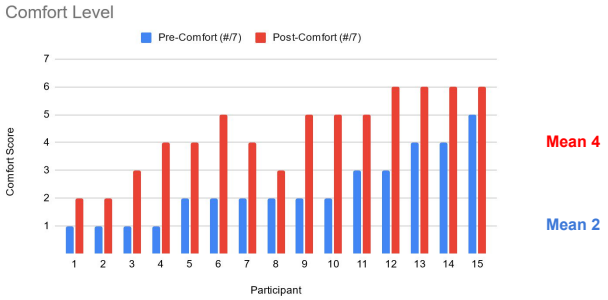
Objective:
Can a VR simulation effectively teach catheterization principles?

Methods:
15 IM residents and 1st year cardiology fellows were recruited and completed surveys before and after using simulation



VR SIMULATION SHOWS PROMISE FOR CARDIAC CATHETERIZATION EDUCATION





Future Steps