

Say it. Check it. Chart it. Share it. - A Virtual Reality Approach to Better Handoffs through Stronger Documentation!

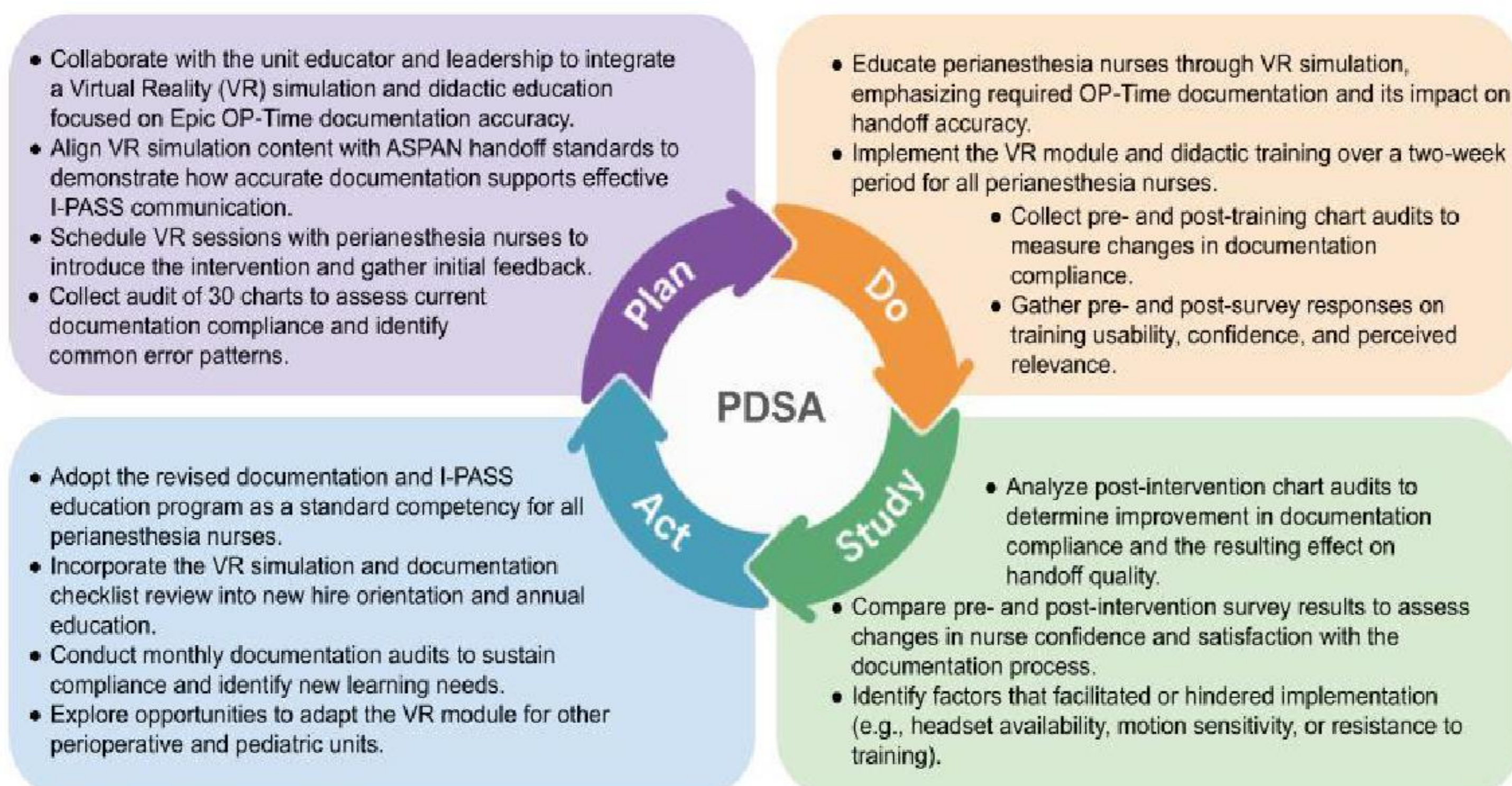


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Purpose

This project aims to increase the accuracy and compliance rate of electronic health record documentation in the pediatric perianesthesia unit from 85% to 95%, thereby improving the quality of nurse-to-nurse handoff communication. Progress will be measured through on-site documentation audits and handoff evaluations. The project will begin on September 1, 2025, and conclude on December 5, 2025.

PDSA Cycle



Acknowledgments

I would like to thank Melissa Dela-Cruz, MSN, Pre/Post/PARC Director, John Ascano, BSN, Prepost Manager, and Faith Collins, Educational Technology Clinical Manager for their support on this project.

Methods

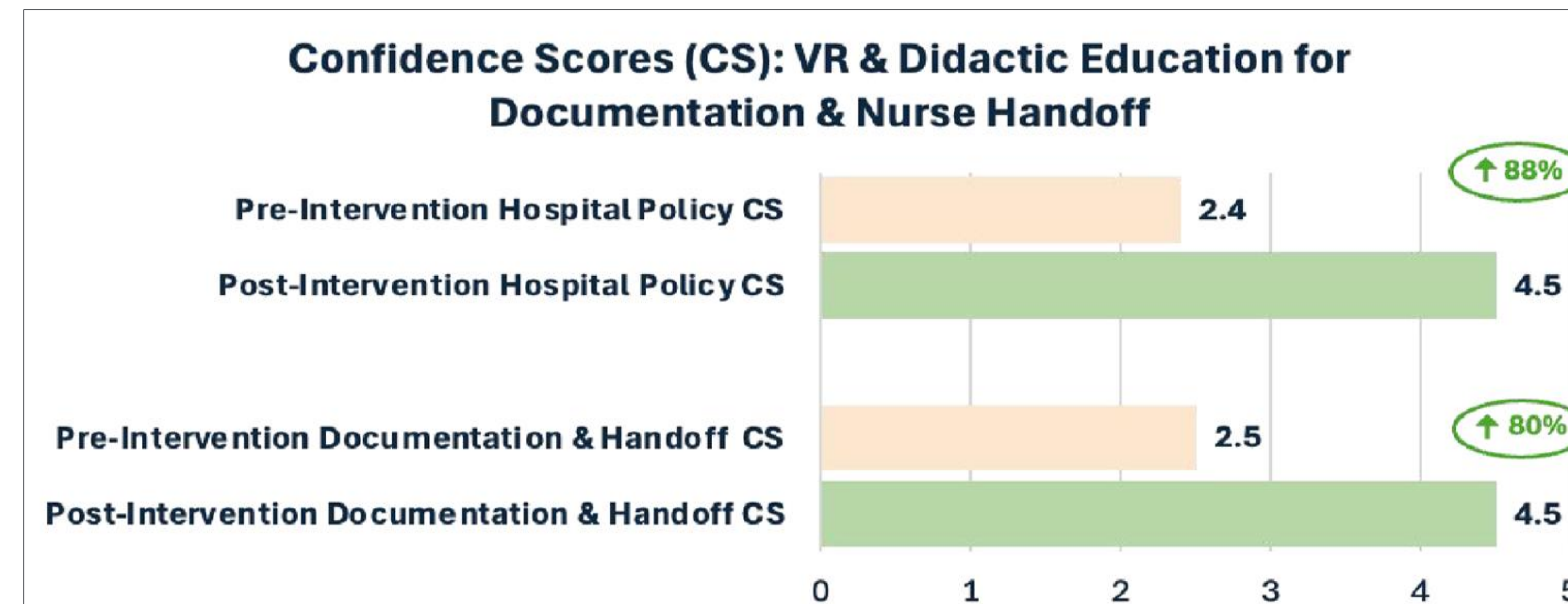
Intervention: To improve documentation compliance and downstream handoff accuracy, the QI team implemented an education-based methods including:

- Virtual Reality Simulation- Modeled documentation and handoff requirements using case scenarios
- Didactic presentation- Reviewed organizational documentation policy for EPIC OP-Time navigator and clarified required I-PASS handoff elements.

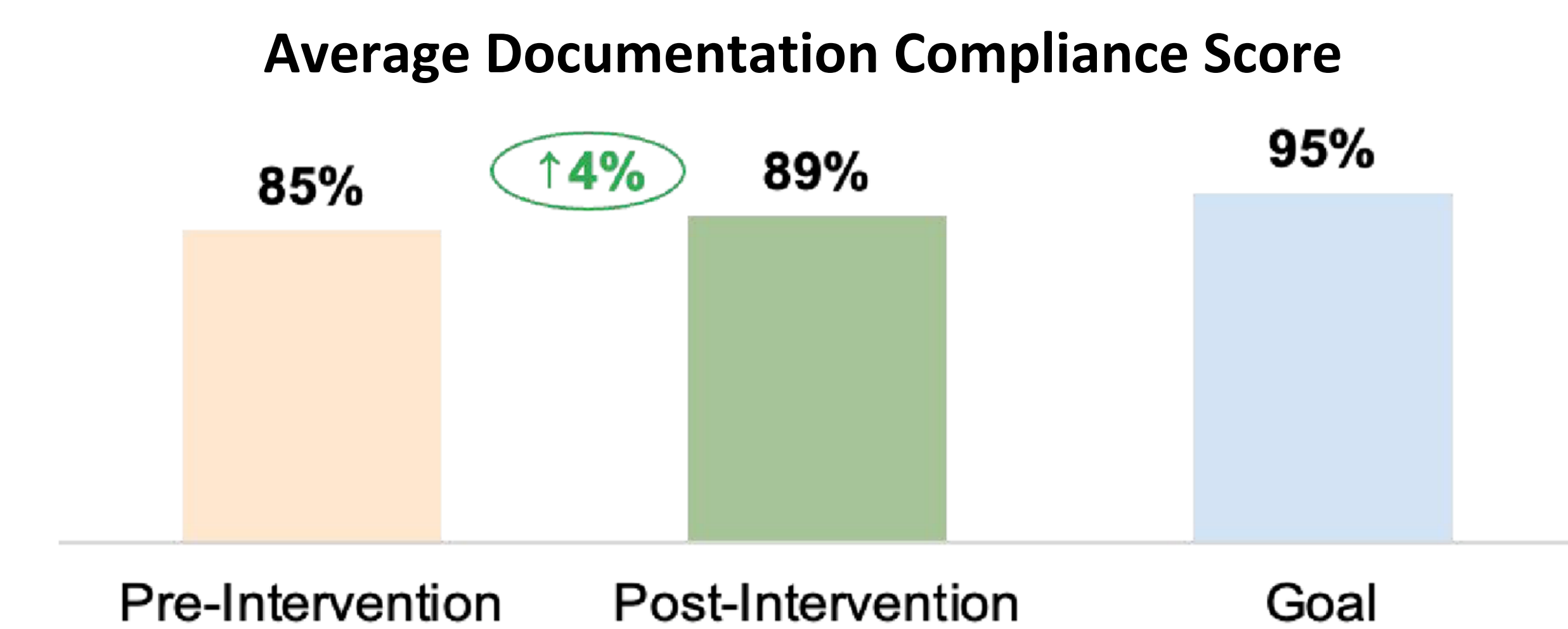
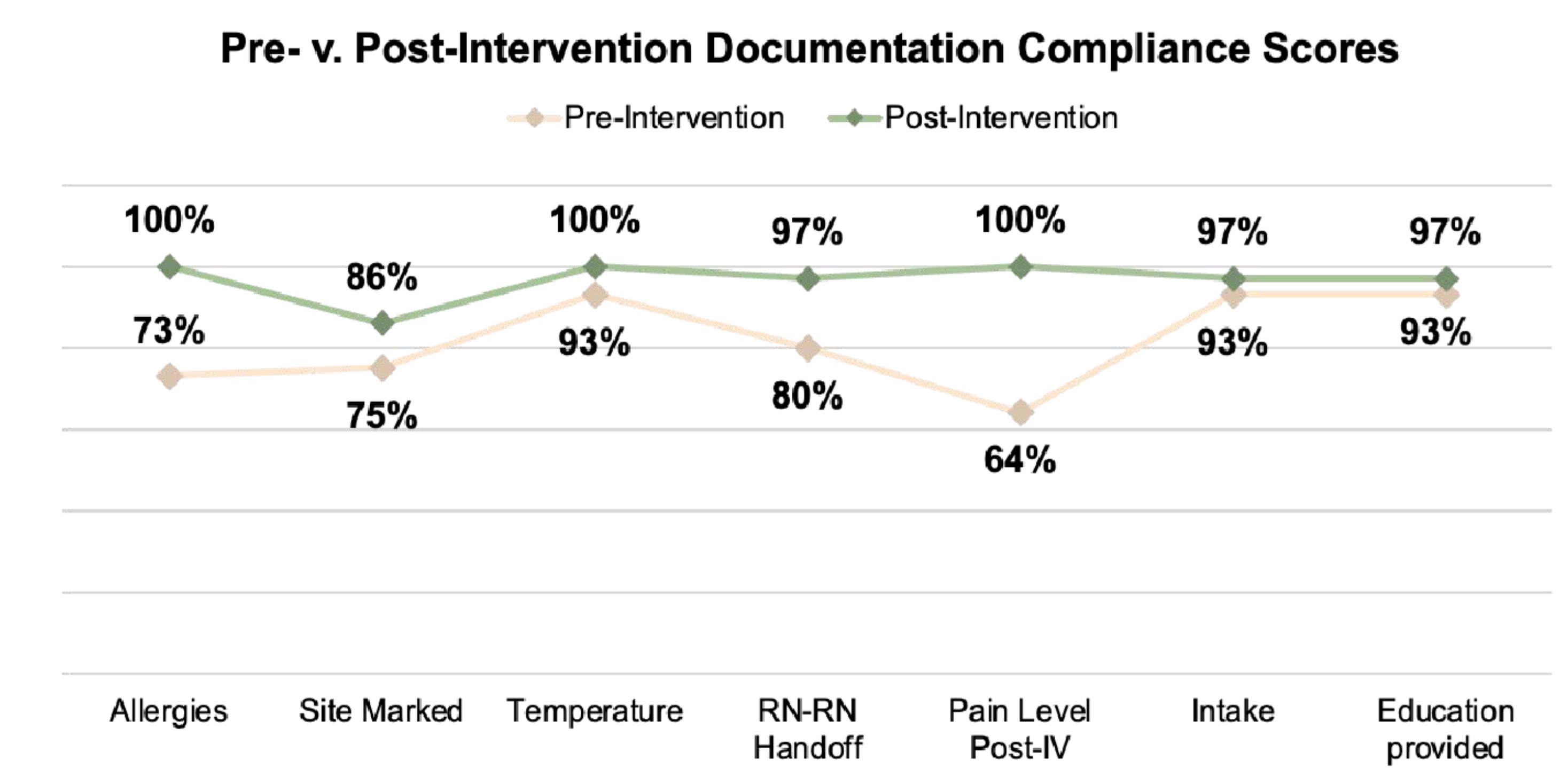
Discussion

Following the VR and didactic education intervention, perianesthesia nurses expressed increased confidence in regard to organization policies and TJC required documentation. Increased confidence scores are relevant to their standard workflow.

Feasibility of Virtual Reality Education: Virtual reality (VR) proved to be a feasible and engaging education method. Despite minor barrier such as motion sensitivity, VR demonstrated potential for integration into new hire orientation and annual ongoing competencies.



Results



Compliance Audit Results: Implementation of standardized didactic education and VR-based simulation increased compliance to 89%. The increase in compliance represents a positive trend toward the target benchmark of 95%. Finding Suggest: Effective staff education increase compliance related to require Epic OP-Time documentation and I-PASS handoff. Ongoing need for continued audits, revised VR-based simulation, and enhanced education to ensure sustainability and patient safety

References

Available here: bit.ly/vrposter