

Unleashing the Power of Cultural Simulation

Evaluating an educational tool for Nurse Anesthetist to achieve Cultural Competence



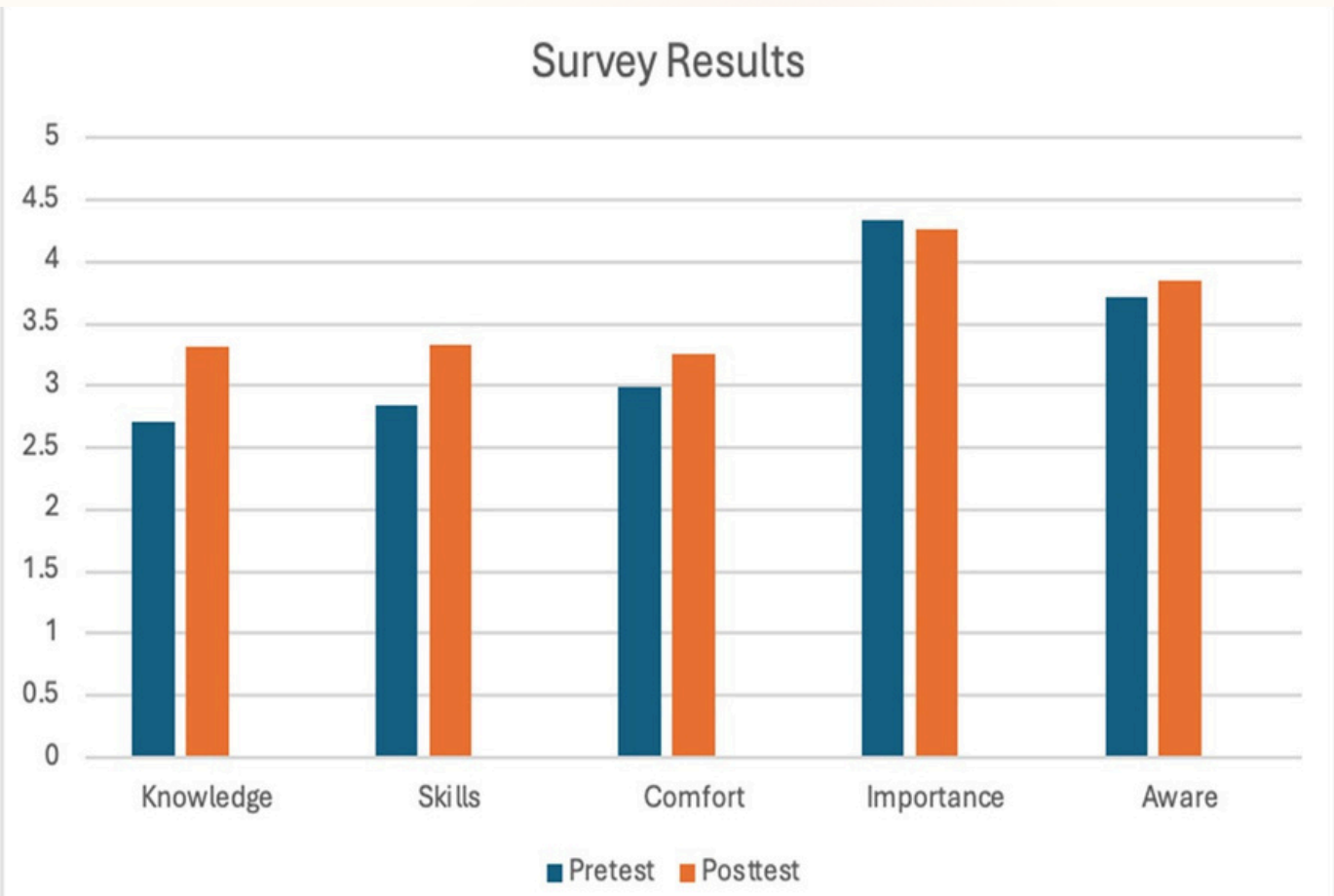
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By 2050, immigrants will account for 82% of the US population. Healthcare providers' implicit bias and lack of cultural competence can negatively affect their patient's overall healthcare outcomes.

In nurse anesthesia students does implementing a simulation-based training program affect provider self-assessment scores of their cultural competency compared to before the training program?

The intervention was implemented in a high-fidelity sim lab with 41 participant SRNAs. The intervention was a 30-minute simulation utilizing standardized patients (10-minute scenario, 20-minute debriefing with DEI experts). The scenario was a patient encounter in the pre-op holding area.

Before the simulation, a pretest was administered and following the sim there was a posttest sent out utilizing the CCCQ to assess a change in provider self-assessment scores.



For our results, we analyzed the data collected using a Chi-Square test of independence. This showed insignificant results with a P-value of 0.069. However, there were improvements in provider self-assessment scores for the sub-categories, as seen in the bar graph above.

These results tell us that there is a need for formal training for SRNAs to increase their cultural competence. This intervention will be integrated within the curriculum of the Nurse Anesthesia Program at the University of Pennsylvania.