Using high-fidelity simulation as an innovative approach to family education for children requiring chronic ventilation
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Objectives

• Describe innovative ways to utilize high fidelity simulation for educating families caring for children who require chronic ventilation

• Explore the steps to utilizing high fidelity simulation with family caregivers

Breathing Institute

Ventilator Care Program

Imagine

Family Caregiver Education Toolbox

• Performance Based Education utilizing teach back
• Interdisciplinary approach
• Videos
• Handouts
• CPR training
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Literature


Logistics

Evaluation

Results

40 caregivers for 21 individual patients
Table 1: Two sample t-test comparing family response to debriefing

Next steps

• Add additional manikins to match the size of the child
• Expand to include family caregivers of tracheostomy patients
• Explore opportunities to partner with home care community to offer simulation

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