

Increasing Patient Fall Risk Awareness Through Video Education

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Increasing Patient Fall Risk Awareness Through Video Education

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Background

- As of January 3, 2019: 21 falls on 6C
- Last fiscal year 6C total falls=35. The goal for this fiscal year is a 20% reduction in falls (Goal=28 falls)
- Research has show that 700,000 to 1 million people fall in hospitals every year (Quigley, 2015)
- 30 to 35 percent of those patients sustain an injury as a result of the fall (Quigley, 2015)
- Injuries related to falls can result in an additional 6.3 hospital days (Quigley, 2015)
- About 11,000 of these falls are fatal (Quigley, 2015)

PICO Question

- Will video education compared to verbal teaching and printed material increase medical-surgical patients knowledge of their fall risk awareness.
- P: Alert and oriented medical-surgical patients on 6C
- I: fall education video
- C: current printed fall education and verbal teaching provided to patients on admission
- O: increased awareness of fall risks

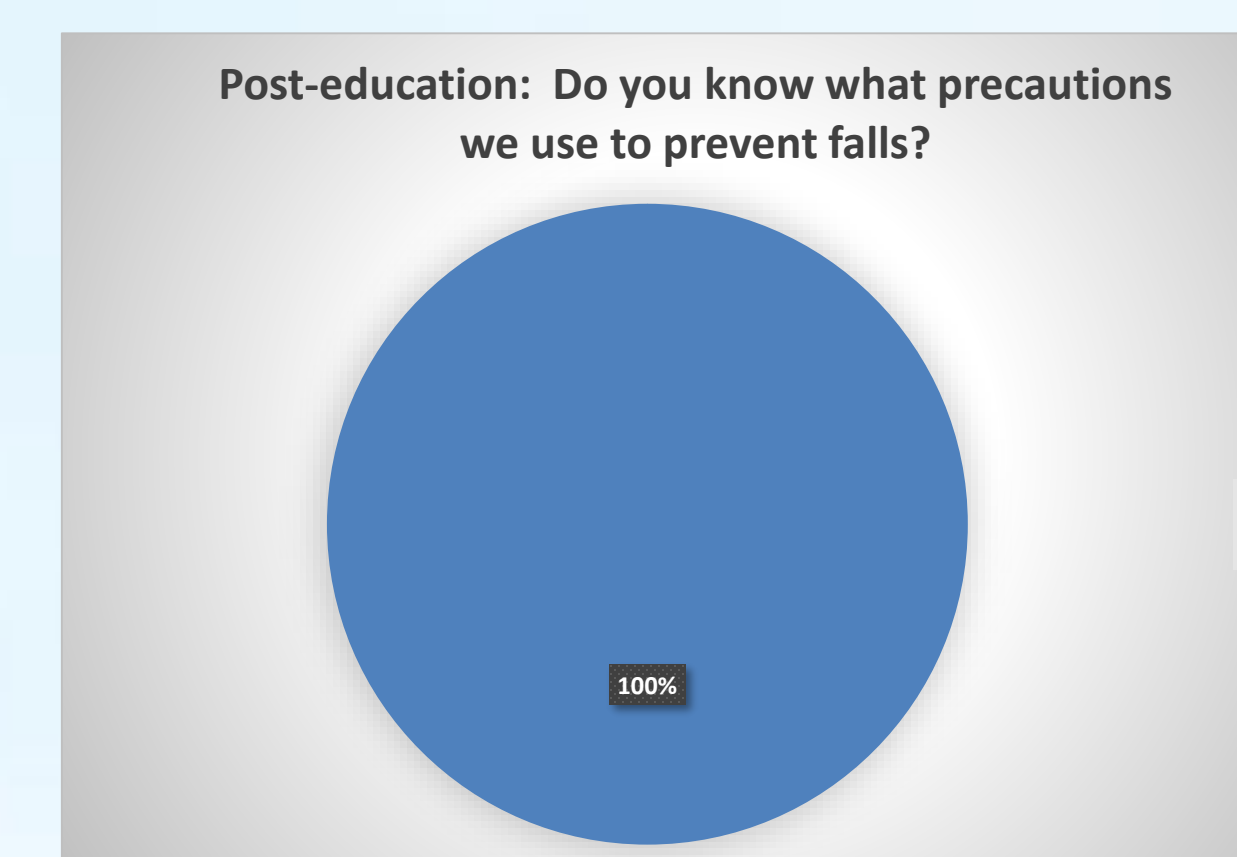
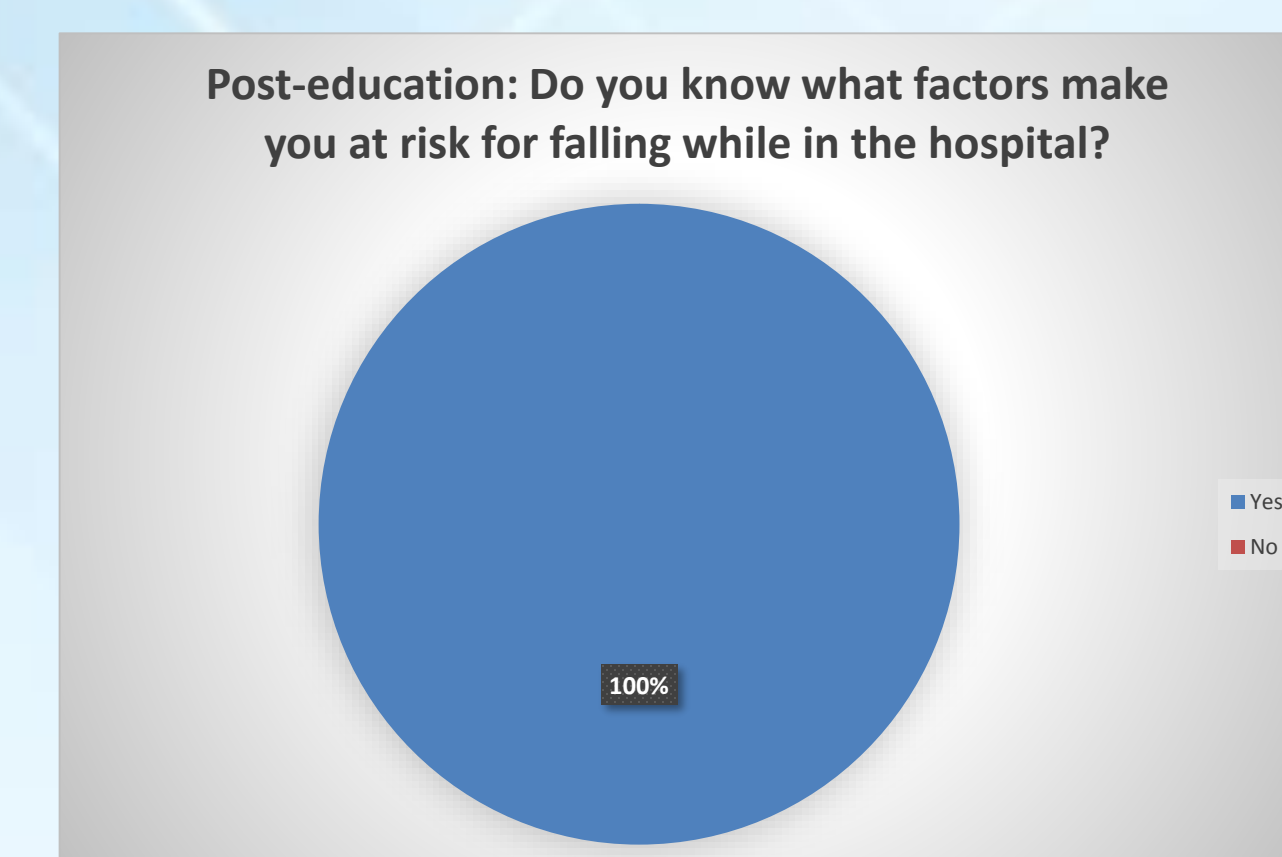
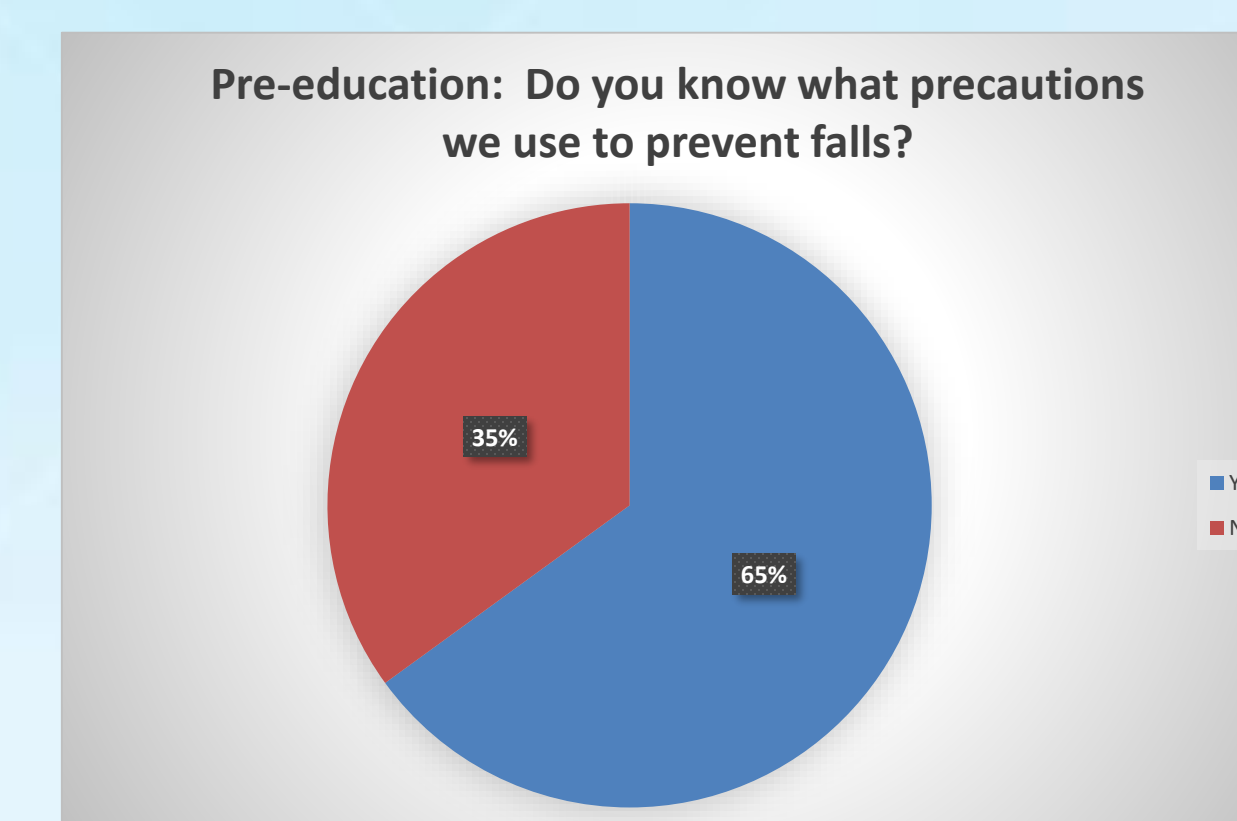
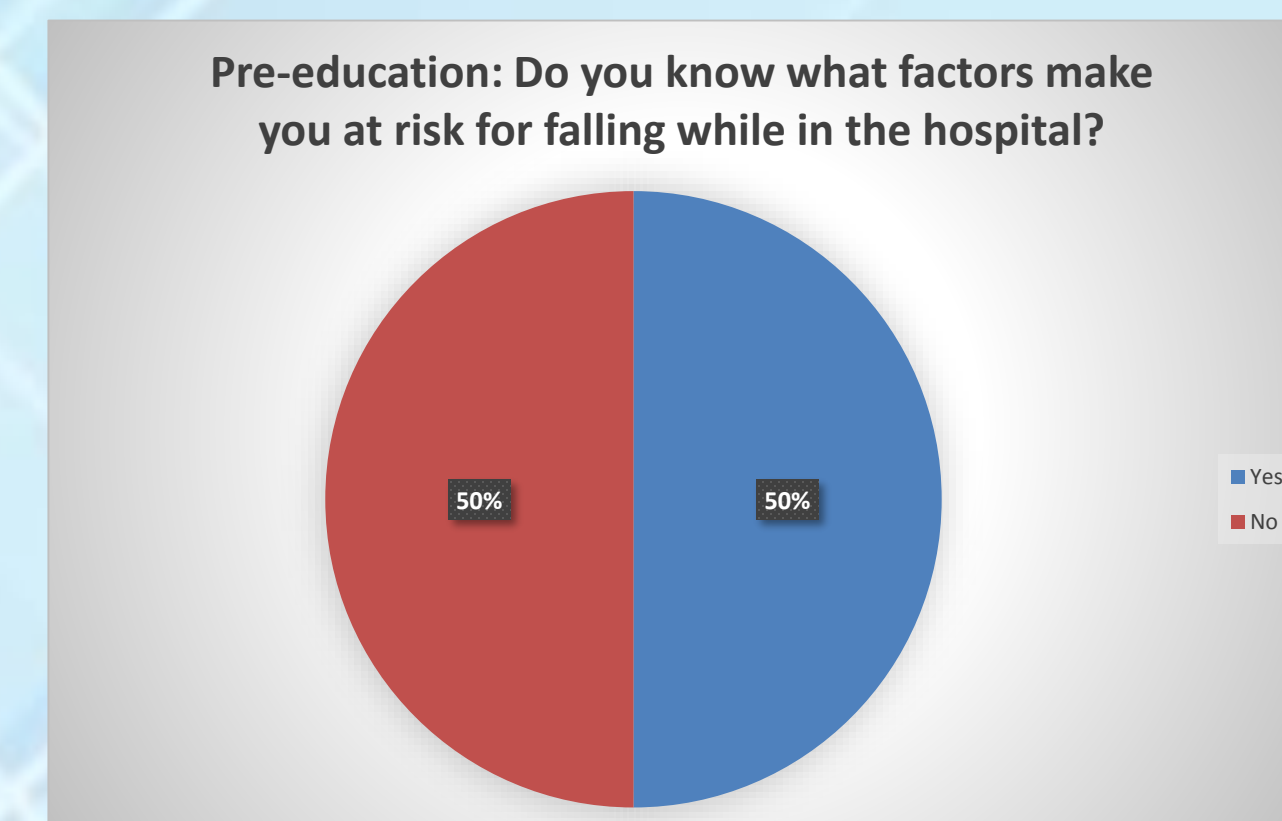
Evidence

- After a 4 min video was shown to patients by trained volunteers in addition to icons of individual patient risk factors and bed exit alarms, falls decreased 20%, falls with any injury decreased 40% and falls with serious injury 85% per 1000 patient days (Cuttler, Cuttler, and Barr-Walker, 2017)
- When a fall education video was provided in addition to visual icons in patient room doorways and bathrooms, fall rates per 1000 patient days over 1 year decreased from 3.27 falls for the medical-surgical unit to 1.2 falls (Opsahl, Ebright, Cangany et. Al., 2017)

Methods

- Process and outcome indicators
 - Met with the medical librarian, Healthcare Research Quality Specialist, Patient Education Specialist, and Audio/Video specialist, and Risk Management
 - Created and filmed a patient education fall risk awareness video.
 - Pre-intervention - provided a pre/post fall education (fall brochure, bathroom signs, verbal teaching) survey to 20 newly admitted patients meeting PICO question criteria to evaluate their fall risk

Pre-intervention Outcomes



Pre-Intervention Outcomes

- On the survey, patient's were asked to specifically list fall risk factors and fall precautions.
 - Pre-education
 - 50% did not list risk factors.
 - 50% did not list fall precautions.
 - Post-education
 - 100% listed at least one risk factor.
 - 85% listed at least two fall precautions.
 - 1 patient did not list any fall precautions.

Next Steps

- Fall awareness video editing being completed by A/V Media services.
- Upon completion of video, 20 eligible patients will be provided with the same pre/post survey as used pre-implementation.



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