Increasing Resident Comfort in Assessing Fall Risk: An EMR-based Intervention

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INTRO

- More than a quarter of older adults fell in 2014, leading to numerous emergency room visits and hospitalizations. Physician performance of an appropriate fall risk assessment may play a key role in fall prevention.
- This project aimed to increase resident comfort in assessing fall risk using an EMR-based tool adapted from the CDC's STEADI (Stopping Elderly Accidents, Deaths and Injuries) Fall Risk Algorithm.
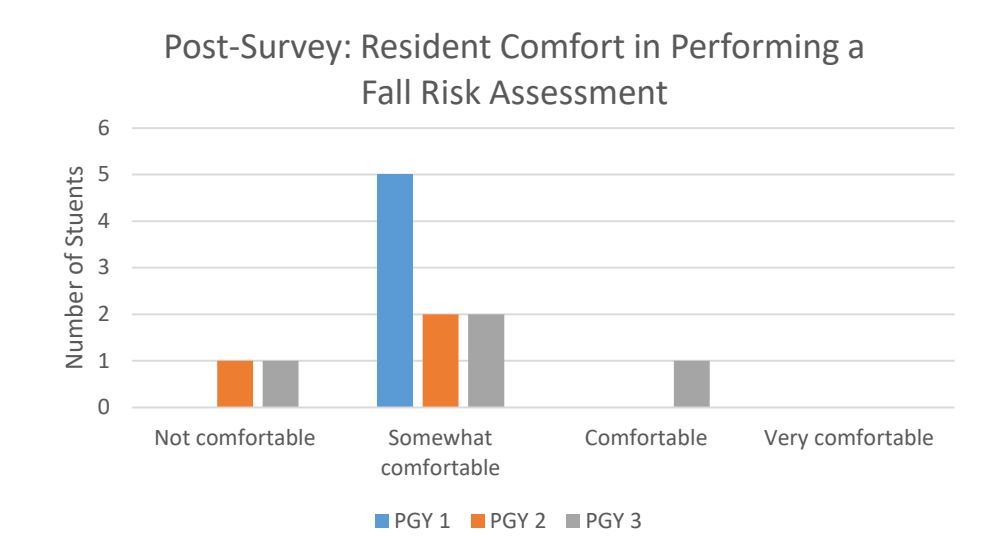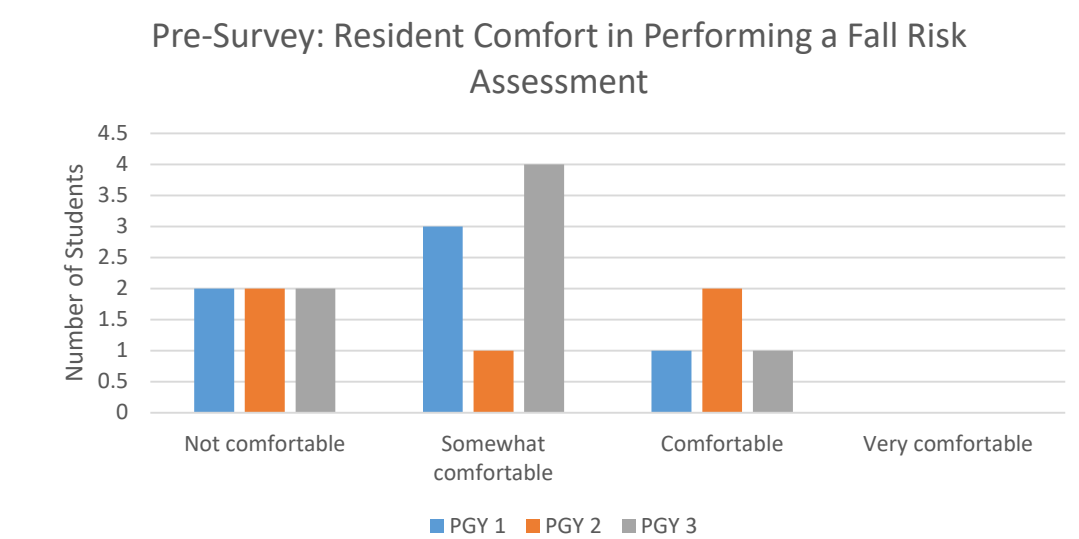
METHODS

- Resident mini-lecture on how to apply the STEADI Fall Risk Algorithm.
- Pre-lecture survey (N=18) and 6-month post-survey (N=12) assess resident comfort in risk screening and assessment.
- Descriptive analyses conducted in Excel.

RESULTS

- Less than 25% of residents reported having had prior training in fall risk prevention.

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Residents agreed the tool helped **increase comfort level** in performing a fall risk assessment. Further integration into the EMR and clinic flow was recommended.

- 41.7% of residents were able use the tool at least once.
- Of those that used the tool:
  - 100% reported it helpful in increasing comfort level.
  - 100% agreed that it increased efficiency.
- Increase from $66.7 \pm 7.0\%$ to $83.3 \pm 14.4\%$ of residents being at least somewhat comfortable in performing a fall risk assessment.

Pre-Survey: Resident Comfort in Performing a Fall Risk Assessment

Post-Survey: Resident Comfort in Performing a Fall Risk Assessment

- Residents commented on barriers to use of STEADI:
  - Forgetting to use it
  - Lack of time and need to address other problems
- To reduce barriers, residents suggested:
  - Standardizing, like a PHQ-2 and PHQ-9
  - Training all staff with STEADI

DISCUSSION

- Residents agreed that STEADI helped increase comfort level in performing a fall risk assessment. Barriers to use of the tool included time and additional medical issues. Residents suggested further integration of the tool in the EMR and clinic processes.

FAQ

How do I create a QR code?

- https://www.qrcode-monkey.com/

- https://www.qrstuff.com/

What if my intro/methods/results doesn't fit in the silent bar?

- If you're trying to put so much into that bar that it doesn't fit, they won't have time to read it anyway. First try moving stuff to the ammo bar. Next, cut cut cut.

- Instead of trying to fill space, you're trying to conserve space.

What if I have a really important graph or picture?

- Move the QR Code to the Silent Presenter, then put your graph/image in the middle.