

Bee Safe Clip Fall Prevention: Quality Improvement Project

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- Annie Penn Hospital
- Behavioral Health Hospital
- Moses Cone Hospital
- Wesley Long Hospital
- Women's Hospital

Evidence

Top 3 Causes of Falls

- Joint Commission



1. Patient fell while **Toileting**
2. Some **Medications** increase risk of falling
3. Patient did not know, forgot, or chose not to use the **Nurse Call Bell**



- Patients become impatient and attempt activities that threaten their safety when having to wait for help
- Patient-centered facilities should promote patient safety
- Safety-driven designs to prevent inpatient fall-related injuries should be hospitals' top principle

The nurse call bell/telephone is the patient's direct lifeline while in the hospital



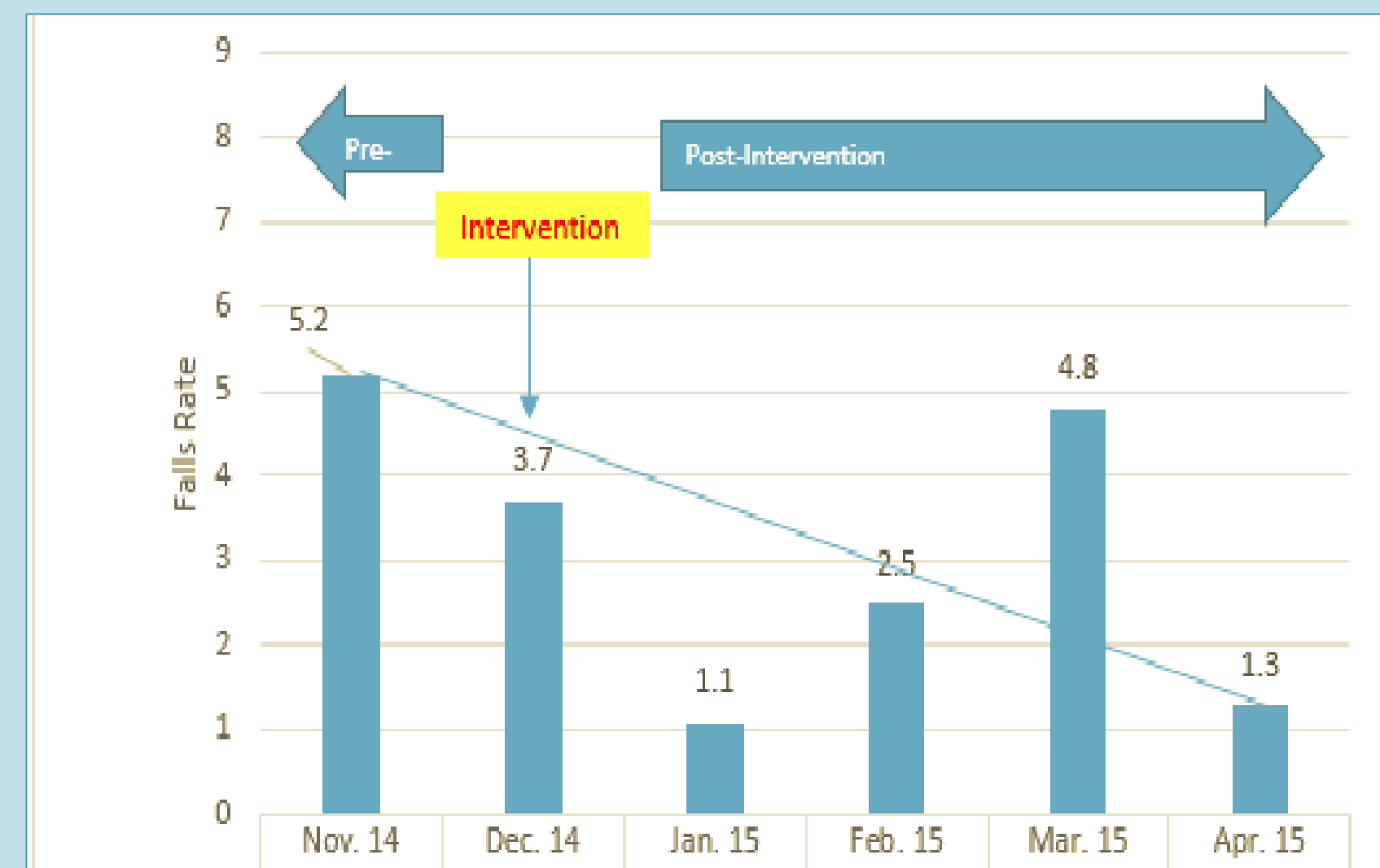
The nurse call bells/telephones often:

- Get stuck in between bed rails and/or mattresses
- Fall on the floor
- Are out of the patient's reach

With no way to screen calls, it is critical that all calls be answered!

Trigger

Magnet Submission-Cone Health Supports New Nursing Innovation



32 bed Medical/Surgical/Orthopedic Unit in 400 bed Urban Hospital

The Bee Safe Clip

The Bee Safe Clip was invented by a Cone Health RN, after she had a patient to suffer injuries from a fall. They were originally designed to hold the nurse call bell/telephone in place to help prevent falls and injuries. It was discovered that they also help with organizing tubing, lines, and cords.



Clinical Question

Will utilization of the Bee Safe Clips decrease the incidence of falls on a Medical/Surgical Department?

Process

- Approval granted from NRC (October 2015)
- Staff education via huddles, posters, parties, handouts, resource notebook & demonstrations
- GO-Live (December 10, 2015)
- Mid-interventional 3-month follow up (March 2016)
- Falls Data evaluated for 6 months (Jan-Jun 2016)

Education

STAFF

- 8 Hours of fall prevention training over 2 days (Dec 11th & 12th, 2015)
 - Definition of a fall
 - Bee Safe Clip tips to prevent falls
 - Falls Bundle
- Hourly Rounding, frequent toileting (not leaving high fall risk patients alone in bathroom), bed/chair alarms
- White board usage
- Falls Education with patient, family, and visitors
- What to do when a patient does fall

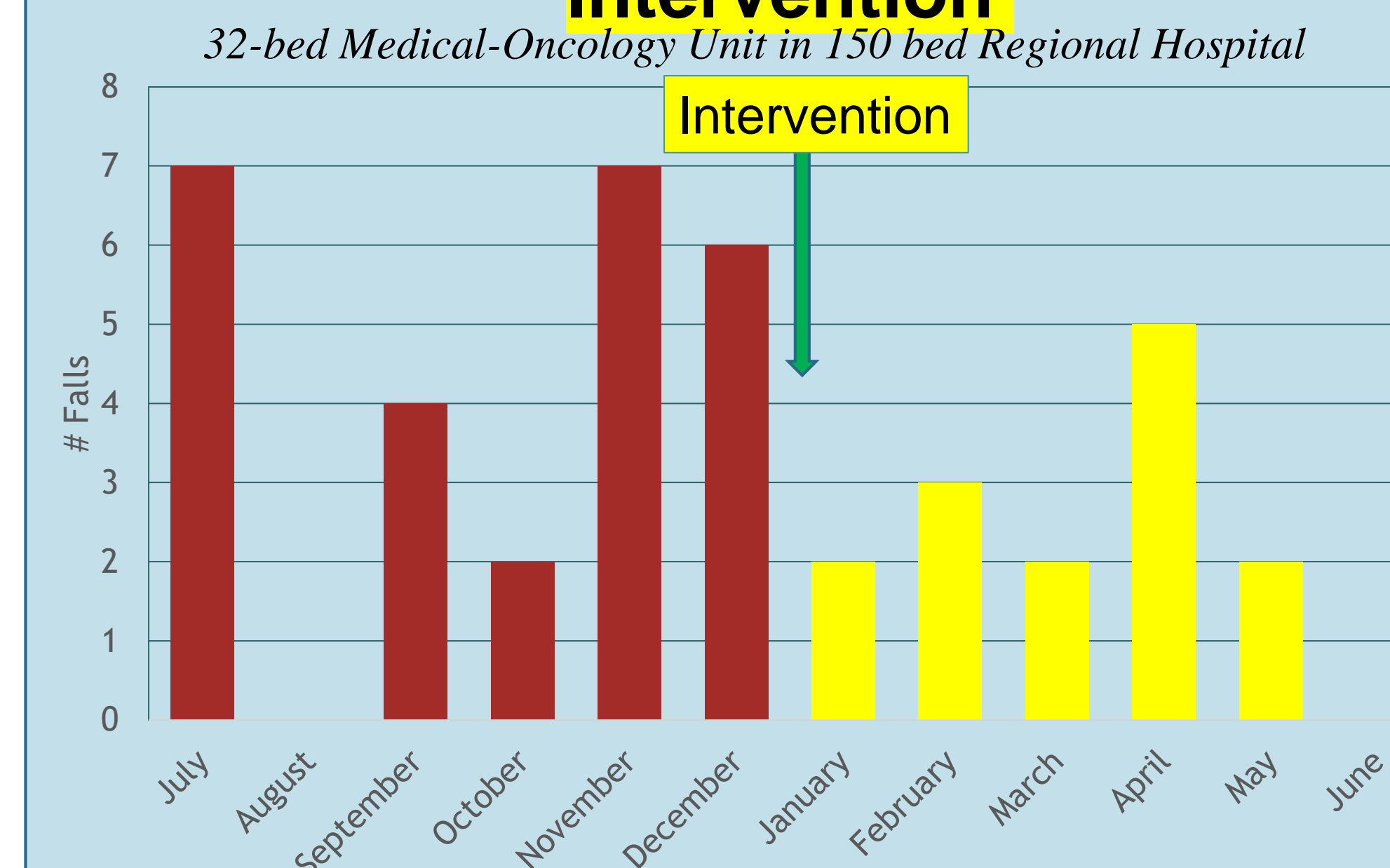


PATIENT & FAMILY

- Explain the risk for falls
- Orient the patient to their environment
- Discuss the patient's specific risk factors
- Ensure the patient knows how to use the nurse call bell and any assistive devices
- Provide patient education materials to reinforce the health teaching provided

Results after 6 months

57% Reduction in Falls Post Intervention



Conclusion

Utilization of the Bee Safe Clip, with other fall prevention measures, offers an additional safety tool for nursing staff use.

True North Transformation

- Improves **Quality** of patient care by supporting fall prevention initiatives
- **Cost** of a fall is on average **\$14,000/fall** which is not reimbursed by third party payers.
- Falls with injury adds approximately **6.3 days** to hospital stay
- Patient satisfaction, hospital ranking, and Magnet recognition all reflect the **Service** provided by Cone Health.
- These are all affected by the number of falls annually in our facilities.



Utilization in U.S.



Cone Health, Greensboro, NC was first in the nation to utilize the Bee Safe Clip.



References

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