

# Impact of Multicomponent Interventions in Decreasing Falls

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## Background

The Neurology Stroke Medical Unit with geriatric care, 4 North, accounted for 12% of hospital-wide falls in Fiscal Year 2023. Inpatient falls result in significant physical and economic burdens to patients as well as to medical organizations ([LeLaurin JH, Shorr RI, 2019](#)).

## Purpose

The purpose of this project was to decrease physical and economic burdens to patients and our institution. By integrating our project into our practice, we were able to improve Patient Safety and reach our project goal.

## Methods

- Pre survey
- Educate all staff
- Audits (1<sup>st</sup> by Charge Nurse, 2<sup>nd</sup> Stroke Team, 3<sup>rd</sup> Nursing Communication Technician)
- Huddle Shout Outs
- Fall Tree
- 30 Day Pizza Party
- Text Reminder every shift
- Staff accountability
- Changing the culture of the unit

## Outcomes/Results

Our data showed that falls on 4 North have dropped from 43 in Fiscal Year 2023 to 23 in Fiscal Year 2024, a 47% decrease.

## Conclusion

By using multicomponent interventions, it is proven to decrease falls in the geriatric population of the Neurology Stroke Unit.

## Next Steps/Future Research

4 North's goal is to continue to collaborate with ancillary staff to continue in decreasing falls and share our data with other units to share our success and implement our project house wide.