

Multi-component Inpatient Fall Prevention Initiative Teaching Hospital Kandy

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Introduction and Justification

Falls are common among inpatients. Considered a never event for hospitalized patients, falls that result in injury remains relatively common despite increased attention to the issue. Falls can have serious physical and psychological consequences and associated with increased morbidity, mortality, increased length of stay and healthcare cost.

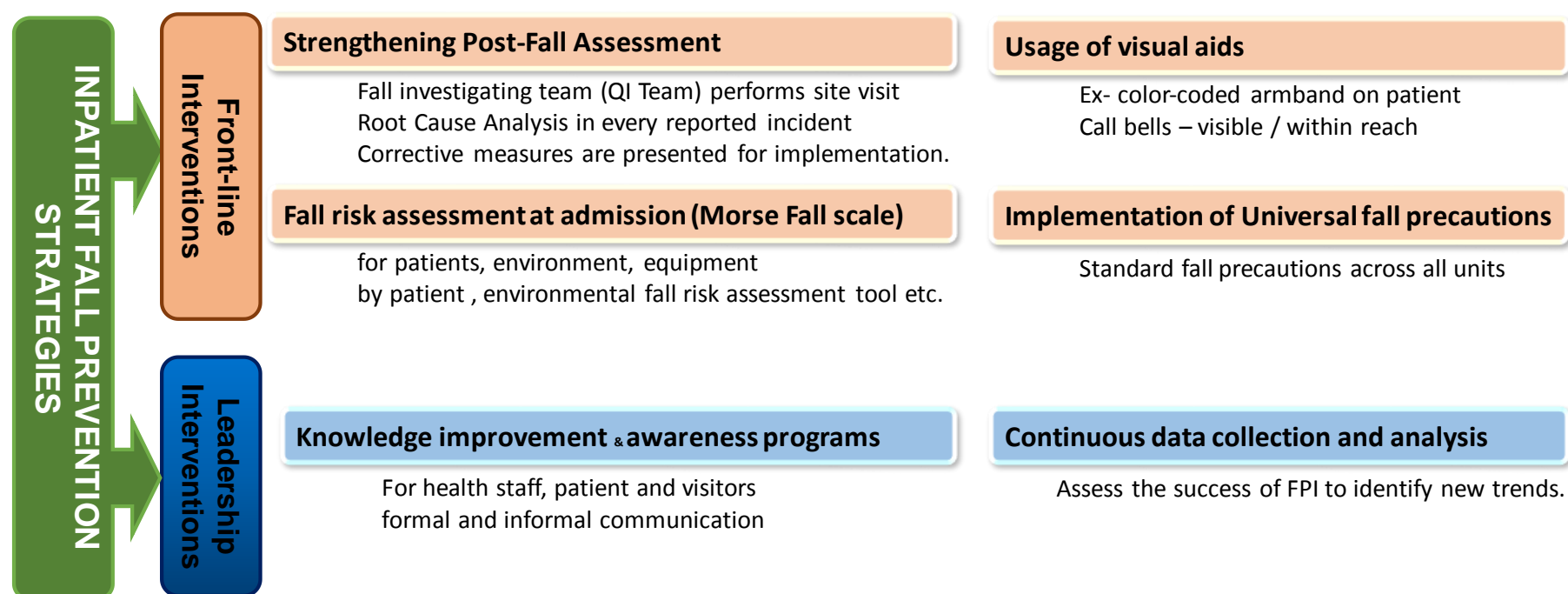
Inpatient falls can be precipitated by many factors and patients often have several risk factors. Therefore, multicomponent interventions are believed to be necessary for prevention.

Project report

Objectives : Reduction of Inpatient falls and fall-related injuries by 25% in one year.

Study period: 12 months (2018 June to 2019 June)

Intervention: Multi-component (tailored) fall prevention program was initiated across all units of the hospital. It consisted of the following interventions.



Discussion

In-facility prevention program resulted in clinically significant reduction in fall and injury rates. Fall-related injuries (moderate to severe) were reduced from 26% to 17% within a year period and fall rate dropped from 1.4 to 1,1 per 10000 inpatient days.

Parameter	Before intervention (2017 Jun- 2018 Jun)	After Intervention (2018 Jun-2019 Jun)
Number of inpatient falls	96	79
Inpatient Fall rate (/10000 admissions)	4.0 (CI 3.1 – 5.2)	3.5 (CI 3.0-4.1)
Inpatient Fall rate (/10000 inpatient days)	1.4 (CI 1.39- 1.45)	1.1 (CI 1.08 – 1.12)
Fall-related injuries %	26%	17%

Conclusion and Way forward

The multi-component fall prevention program has been effective at reducing falls and fall related injuries at TH Kandy. It is expected to strengthen this program further by incorporating more components like toileting schedules, visual monitoring system, in future. We strive to create a culture that supports “Zero Falls” in our hospital.