

Project Title

Falls Prevention Project in Econ Sunnyville Nursing Home (Yio Chu Kang)

Project Lead and Members

Lee Yoke Chuan, Liang Biling, Liu Jian Ping, Mhar Rosari Quitalias

Organisation(s) Involved

Econ Healthcare

Healthcare Family Group(s) Involved in this Project

Nursing, Allied Health

Applicable Specialty or Discipline

Rehabilitation

Project Period

Start date: Jan 2022

Completed date: Dec 2022

Aims

- To reduce rate of falls for 50% in Econ YCK by 2022
- Implement the fall prevention programme in all wards of Econ YCK by 2022

Background

See poster attached

Methods

See poster attached



Results

See poster attached

Lessons Learnt

See poster attached

Conclusion

See poster attached

Additional Information

Accorded the Clinical Quality Improvement award – Team Award (Gold) at AIC's Community Care Excellence Award (CCEA) 2023

Project Category

Care Continuum

Intermediate and Long-Term Care & Community Care, Nursing Home

Keywords

Falls Prevention, Elderly, Staff Training

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Community **CareAwards** Falls Prevention Project in Econ Sunnyville Nursing Home (Yio Chu Kang) **Econ Healthcare** Lee Yoke Chuan1, Liang Biling2, Liu Jian Ping3, Mhar Rosari Quitalias4 Introduction/Background Safe use and management of equipment, daily equipment checks, Falls are common amongst elderly in local nursing homes according and regular maintenance of all equipment used for resident's to a local study (Yap, et al., 2003). There were 17 residents' falls in care such as mobile commode and wheelchair with safety features Econ Sunnyville Nursing Home, Yio Chu Kang (Econ YCK) in 2020, were reinforced to staff and the falls led to injury and some other adverse impacts. Thus, it is Econ Facilities Mobile App was created by IT department to reduce waiting time in repairing faulty equipment reported. important to have a structured falls prevention work process and work group in place. Designated linen trolley area which is within staff's easy reach when showering residents was allocated. Goal/Objective Sample of Econ YCK Fall Care Bundle A falls prevention committee consisting of a multidisciplinary team with healthcare professionals from Nursing and Rehab departments had Fall Care Bur been formed in 2021, with the goals of reducing number of falls D FOR ALL RESI among the residents in Econ YCK. With guidance from AIC, the falls prevention project was started with the aim to: 1) Reduce rate of falls for 50% in Econ YCK by 2022. 2) Implement the fall prevention program in all wards of D Showering Econ YCK by 2022. Problem Analysis Root cause analysis (RCA) was conducted by the falls prevention committee to identify causes of residents' falls via investigation of all submitted falls incident reports in 2020 using 5 Whys, with their contributing factors as shown below: The My Bed No. is 20 (17 fa I can speal YES Drug Allergy NO Materials (1 fall) (3 falls) od Allergy 💒 YES The committee decided to focus on creating a fall care bundle for all residents, review work processes, as well as increasing Date of C staff knowledge on falls prevention targeting the contributing factors. Implementation Plan Thickened Fluids Staff Training luid Restrictions Six topics related to falls prevention and patient safety were Special Notes (Please specify developed for all nursing staff, which include: ·High risk medication and its impact on falls Benefits/Results •Understanding of 3Ds and orthostatic hypotension •How to conduct CLC for head injury sustained after a fall The fall prevention program has been implemented in all wards as How to use FRAT at end of 2022. The rate of preventable falls among all residents in ·Safe manual handling (with practical) YCK was studied for the year 2020,2021 and 2022 as shown below. •Fall risk factors identification & prevention The average falls rate decreased from 0.45 in 2020 to 0.25 in 2021. Falls Care Bundle It further decreased to 0.17 in 2022, which is about 62% reduction. A falls care bundle was created with the elements targeting the root causes of falls below: Rate of Falls per 1000 Resident Days in 2020, 2021 & 2022 •Nursing assessment (FRAT, orthostatic hypotension, medication, vision and environment) • Rehab assessment (gait & balance, walking aid, ADL status, 0.8 footwear and assistive devices) 0.6 Resident/ Next-of-kin education Management of at-risk residents Post falls management Work Processes Review Work process of enhancing safety during residents showering (one staff to one resident) was reinforced. Sustainability & Reflections ·Pictorial mobility status was indicated on residents' headboard Falls prevention program targeted at improving staff's to provide visible reminder to all staff. knowledge, implementing structured falls care bundle, maintaining •The needs of applying restrainer according to was reviewed equipment, well as improving resident care work processes for restrainer as the last resort of falls prevention. seemed effective in reducing the falls rate in Econ YCK. Individualised falls prevention measures were implemented All new nursing staff will be trained on the six topics related to

falls prevention and patient safety as part of their orientation and

training. Refresher training should also be provided to existing

staff. Future study should include staff, resident and/or family's

satisfaction.

Project Poster for Community Care Excellence Awards 2023 Agency for Integrated Care