National Quality Improvement Conference

Managing Longstayers at NTFGH

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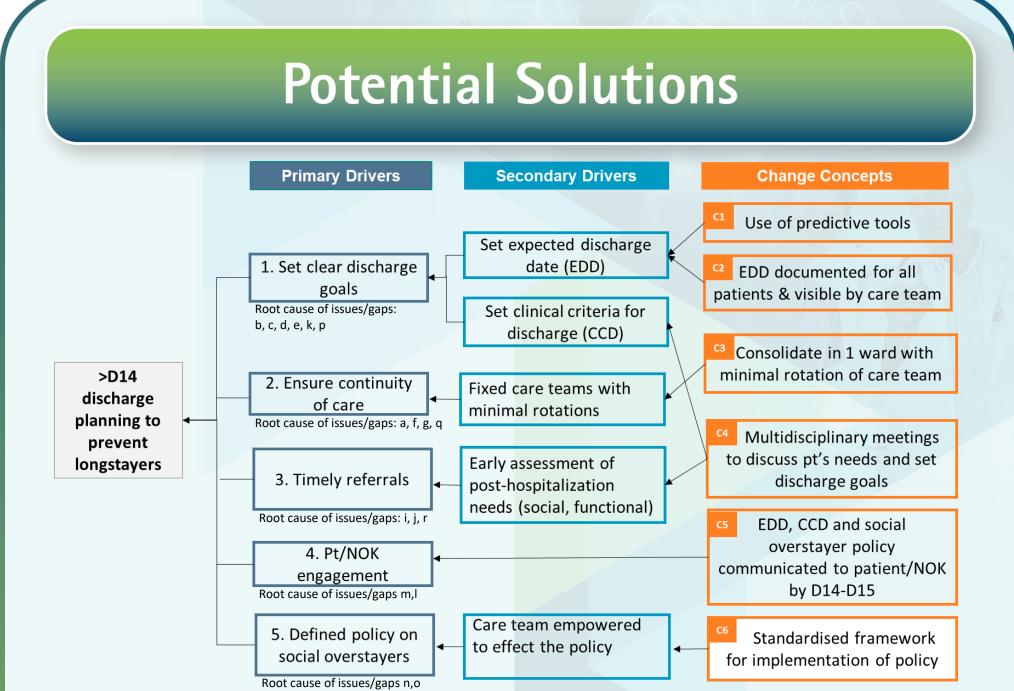


Jurong Community Hospital

Problem Statement

While only 3% of all inpatients are longstayers (LOS > 21 days), they occupied 1 in 4 beds. Managing longstayers reduces unnecessary prolonged hospital stays & improve patient outcomes. It also optimise BOR and reduce ALOS for the hospital.

Issues/ Gaps were identified & grouped into root causes/ primary drivers.



PROCESS	Assessment of acute medical condition, nursing needs, functional baseline & care requirements, care needs (social/ personal)	Investigation & treatment Clinical investigations to establish diagnosis & treatment interventions	to Medical specialty teams, Specialty Nursing, Allied Health (PT/ OT/ ST/	Engage patient/ NOK (Next-of-kin) to discuss care needs and confirm care plan and readiness for discharge	Discharge planning Determine EDD, care destination (home, Nursing home etc.); start caregiver training (CGT); prepare home equipment; submit placement application
ISSUES/ GAPS	 A a. Frequent rotations of care team. b. Medical assessment is not consistent & without clear goals. c. No clear plans for transfer cases. 	B d . Complex case with changing treatment plans e . Unclear investigation/ treatment goals. f . IV antibiotics not oralised. g . No proper handover between care teams h. Delays in investigations due to capacity issues.	c i. Late referrals. j. Too many/inappropriate referrals. k. Lack of communication of goals among care team. I. Poor communication - pts/ NOK may not understand the need for referrals.	D m. Pt/ NOK not updated of care plan. n. Delay of pt/ NOK acceptance of new baseline for functional abilities. o. NOK refused participation or no NOK.	 q. Handover/ transition of care is poor, not seamless. r. Unfamiliar with MSW services s. Capacity issues at Nursing home/ day care/ AIC.

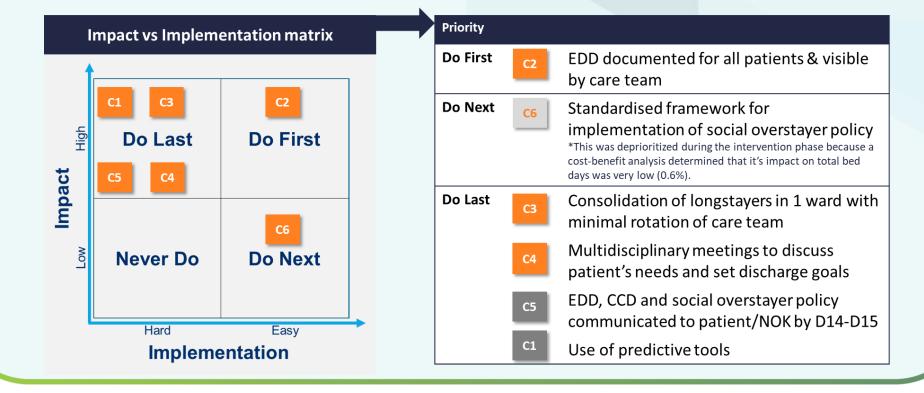
Project Aim

30% reduction of total bed-days of longstayers from Medicine by Dec 2022.

<u>Type of</u> <u>measure</u>	<u>Measure</u>	<u>Monitoring</u> frequency	<u>Baseline</u>
Outcome	Total bed-days of discharged Longstayers	Monthly	3,170 bed- days / mth
Process	Inflight longstayers	Weekly	60
Balancing	30 day readmission	Quarterly	12.6%

Lessons Learnt

Change concepts were generated using a driver diagram (above) & prioritized for implementation (below).



Outcomes & Impacts

Upon successful implementation of the interventions,

- Total bed-days of patients in C7,C8 & C9 (pilot) wards was 36% lower compared to all other General Medicine (control) wards.
- 564 bed-days were saved each month as a result.
- Results continued to be sustained in the control

<u>Starting with the end in mind</u> - The team was mindful to create system level changes (e.g. create new workflows, processes) & to mainstream interventions to ensure long term sustainability.

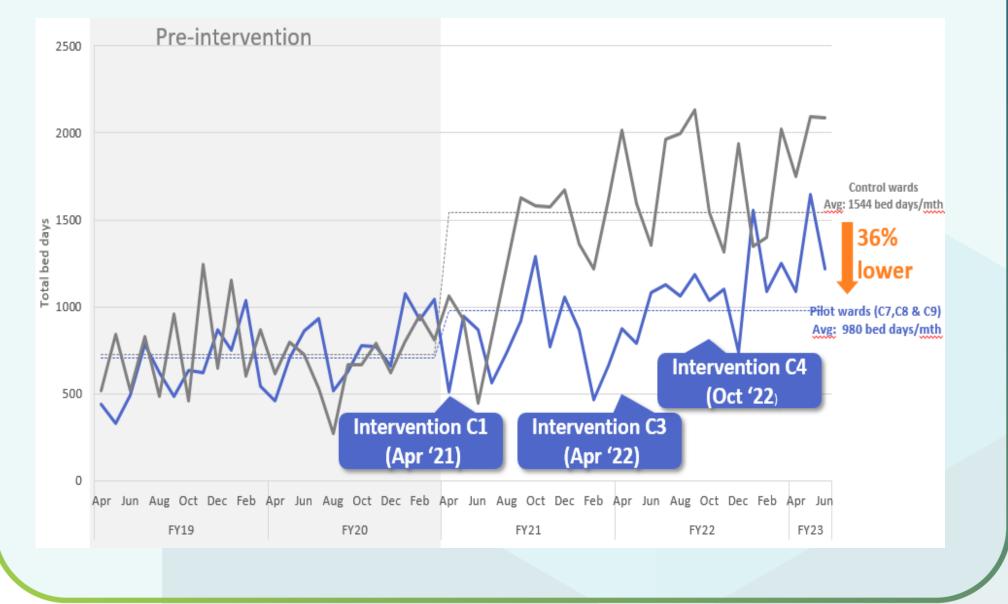
<u>Teamwork makes the dream work</u> - This project worked because we have a multi-disciplinary

team who believed in the goal of the project. Our team members were open & willing to share their thoughts, & often challenged the status quo which led to better solutions.





phase in FY23.



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