National Quality Improvement Conference

Value-based Care for Hip Fracture Patients in St. Andrews's Community Hospital (HIP-VBC)

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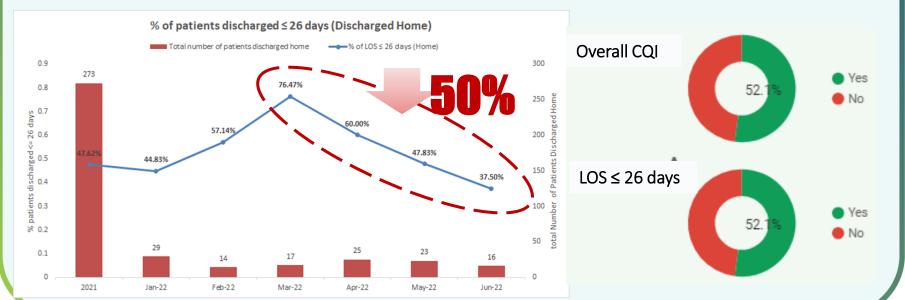


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Problem Statement

- Length of Stay (LOS) of hip fracture patients was identified as the main Clinical Quality Indicator# (CQI) for improvement. The average LOS was <u>33</u> days vs. national LOS of \leq 26 days.
- Between Mar 2022 and Jun 2022, the % of patients who were discharged home ≤ 26 days dropped drastically from 76% to 38%.



Project Aim



Improve the percentage of hip fracture patients who are discharged home with LOS <=26 days from 52% to 63%* in 6 months.

- # The number of patients who met all quality indicators (i.e. received "perfect care") as determined by the clinicians, divided by the total number of patients.
- * Based on the baseline data, 11% of the patients who were discharged home were discharged within 27-30 days. The team postulated that this group of patients stayed beyond 26 days due to process issues rather than clinical or social issues.

Lessons Learnt

Challenges

2. Coming up with viable and sustainable solutions

1. Understanding patients' needs

Countermeasures

A multipronged approach by a cross institutional multidisciplinary team yields promising results. The team analyzed the processes, identified operational wastage, & other issues that resulted in unnecessary hospital stay.

Solicited patients' feedback on the content of the patient's journey pamphlet. Redesigned it to include expected LOS & the discharge timing.



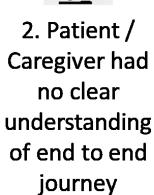


Potential Solutions

Problems









3. Patient not independent or confident to self-ambulate after discharge

Continued rehab

at Day Rehab

Centers beyond

discharge through

patients' /

caregivers'

education



4. Delay in decision making & discharge planning



5. Poor communication amongst the **MDT** members

Solutions & Benefits



Standardised enhanced care pathway amongst the interdisciplinary



SACH through the hip fracture patient journey pamphlet **Managed** patients' &

caregivers'

expectations

✓ Standardized

communication



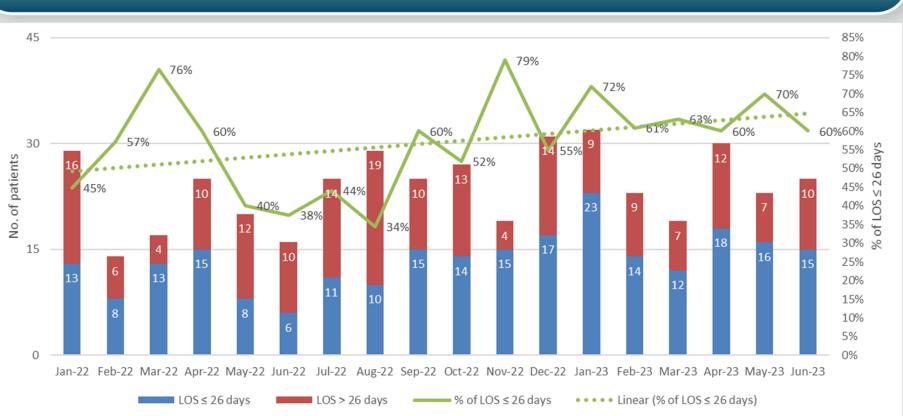
Offer after office hours discharge it family members are working

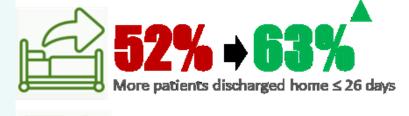
✓ Enhanced patients' and experience ✓ Reduce unnecessary LOS **Enhanced** "Patient Handover" form to incl. "weightbearing" status, follow-up appt.,

STO & temperature data

✓ Enabled seamless shared care across CGH & SACH ✓ Reduced rework

Outcomes & Impacts









Balancing Indicator	S
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Monitoring Indicators	Jan 22 – Jun 22	Dec 22 – Jun23
1. Rehab Efficiency Score	0.7	0.85
2. % of Cases Referred to DRC	68%	78%
3. % of Withdrawn Referred Cases	49%	24%

Patients are assured that there is continuity of rehab post-discharge and unnecessary LOS are avoided.

Improved staff satisfaction due to a reduction in rework between SACH and CGH, and communication amongst multi-disciplinary teams.