National Quality Improvement Conference

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

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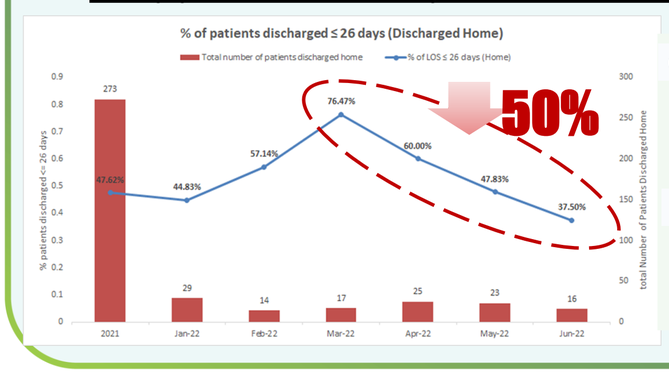
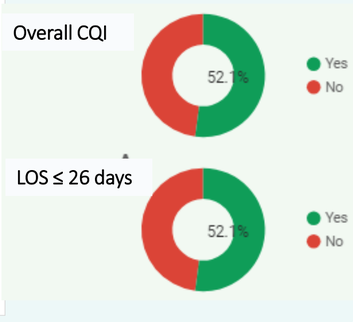
Problem Statement

- Length of Stay (LOS) of hip fracture patients was identified as the main Clinical Quality Indicator[#] (CQI) for improvement. The average LOS was 33 days vs. national LOS of ≤ 26 days.

- Between Mar 2022 and Jun 2022, the % of patients who were discharged home ≤ 26 days dropped drastically from 76% to 38%.





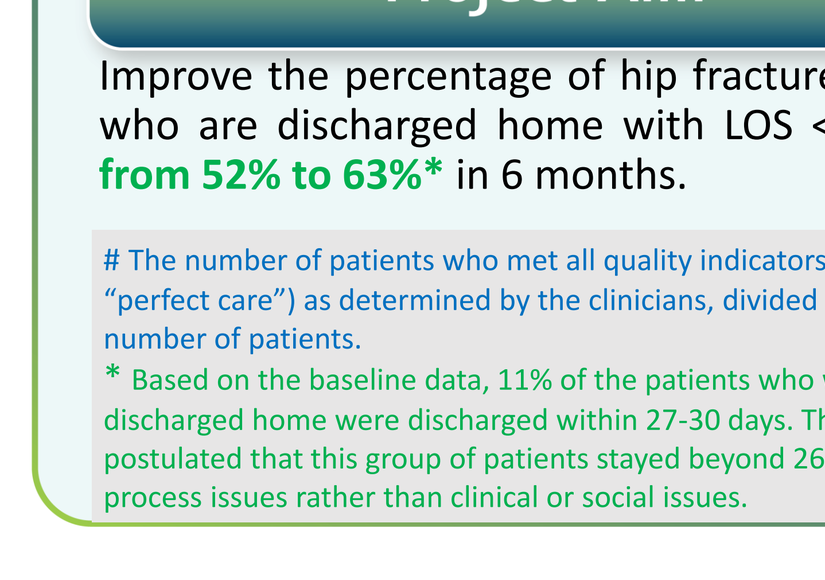
Project Aim

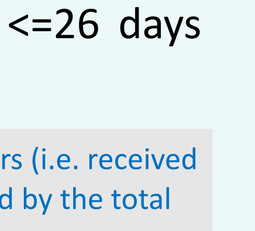
Improve the percentage of hip fracture patients who are discharged home with LOS <=26 days **from 52% to 63%*** in 6 months.

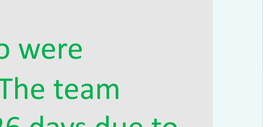
The number of patients who met all quality indicators (i.e. received "perfect care") as determined by the clinicians, divided by the total number of patients.

* 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



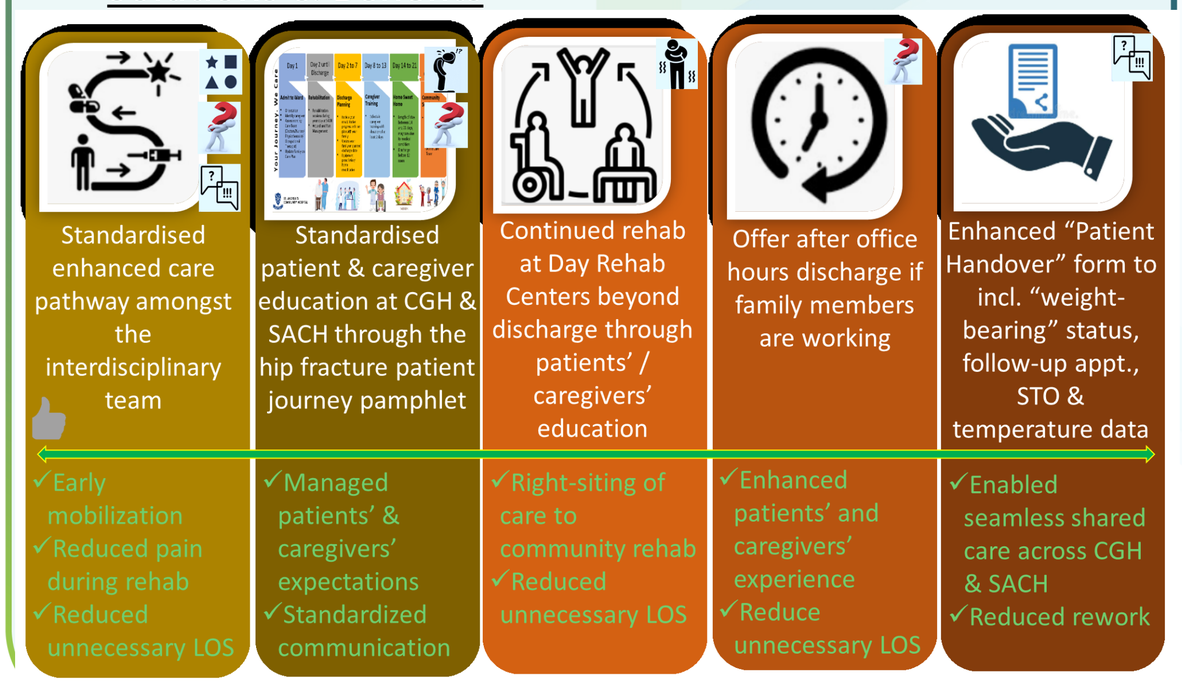




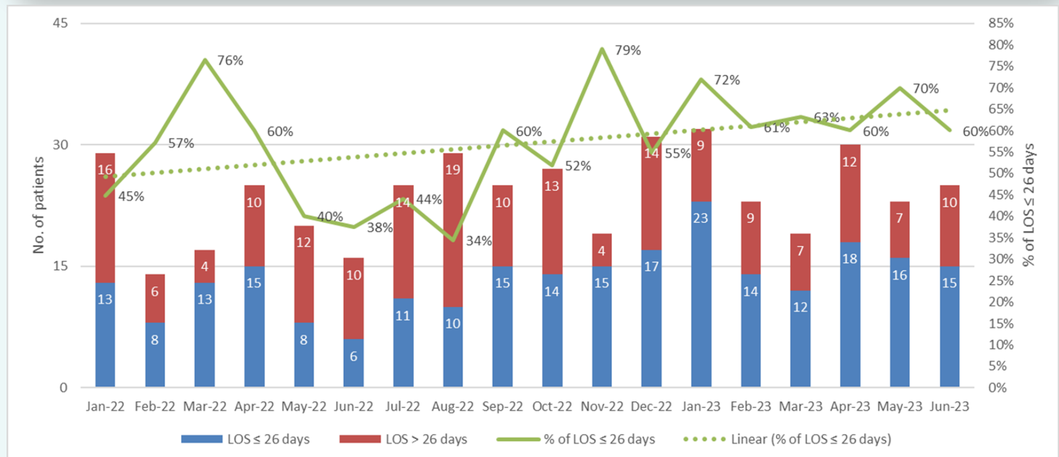
Potential Solutions

- Problems

- Solutions & Benefits



Outcomes & Impacts



52% → 63%
More patients discharged home ≤ 26 days

33 days → 26 days
Reduction in ALOS per patient

$558,000
Cost avoided p.a. due to bed days saved

Balancing Indicators

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.