Enhancing Transfers to Community Hospitals via Fast Track & Communication Redesign

Hayley Chau¹, Laura Ho¹, Lynette Ong¹, How Ai Xin¹, Munawar Kahlik¹, Cindy Yong², Cheng Tah Nern², David Yong³

Singapore Healthcare Management 2019

> ¹Tan Tock Seng Hospital ²*Ren Ci Community Hospital* ³Ang Mo Kio Thye Hua Kwan Hospital



Tan Tock Seng

National Healthcare Group

BACKGROUND

About 5% of TTSH patients are discharged to Community Hospitals (CH) for rehabilitation and recovery. However, the transfer wait time (TAT) was 5.5 days (FY17) for each case. Λ



Problem: Delay in transfers affect acute beds availability!

If these cases had been able to transfer within 1 day, the acute bed days potentially avoided in a year could have been 12,443 acute bed-days in FY17 (2765 cases x 4.5 days).

AIMS & OBJECTIVES

- Reduce transfer wait time to Community Hospital (CH) by
 - Eliminating duplicated work processes
 - Reducing multiple re-work (clarifications) process
- Increase uptake to CH by increasing awareness on CH capabilities
- Reducing unnecessary acute hospital bed days leads to overall lower healthcare utilization costs.

4. Enhancing Communications on CHs

conducted to studies Empathy were understand the lack of understanding



rolled-out Pilots in 2 were

METHODOLOGY

1. Process Optimization: Value Stream Mapping (VSM)

- Conducted VSM in 2018 with TTSH's CH Partners - AMKH & RCH (90% of all discharges to CHs) to optimize processes.
- Established joint agreement on clinical inclusion and exclusion criteria, common EMR platform, **bypassing** Medical/PT/OT eliminated duplication during reports referral submission in AIC-IRMS.



regarding CHs.

RESULTS

partnered students from The team Polytechnic develop Nanyang to communication strategies which focused on showcasing the capabilities of CHs. This aims to **build the confidence and** understanding of service users about CHs.

phases; Phase 1 (Jul-Aug 2018) for GM & GRM patients while Phase 2 was a hospital wide rollout from 15 Oct 2018.

Transfer criteria were fine-tuned to enable medically and socially straightforward cases to be Fast-Tracked.

Following the findings, there was joint agreement to **reframe operations model** from work-in-silos to shared ownership. CH partners under Data Sharing Agreement could obtain necessary information directly from shared clinical documentation system to facilitate referral process.

Dialysis referral flows were harmonized in/ April 2019.

Data period: (15 Oct 18 to 31 Mar 19)	Fast Track cases	Non-Fast Track cases (e.g. dialysis, MDRO)	
No. of cases (%)	623 (48.9%)	651 (51.1%)	

Increase in healthcare

Omitting duplication of reports into referral system, and; multiple Reducing re-work

