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Background

PCO Project comprise of a trans-disciplinary team by Yishun Health (YH) in collaboration with Public Services Division (PSD), Ministry of Health (MOH), National Healthcare Group (NHG) and Healthcare Services Employees' Union (HSEU) that was formed within 4 months from ideation to implementation, to support nurses and Singapore's job market amidst COVID-19 pandemic in May'20. The YH core team comprise members from Nursing, Operations and Human Resources.

The PCOs are new service professionals introduced in KTPH during the pandemic to provide caregiving and end-to-end care coordination. This new job role was designed to focus on basic patient care and non-clinical roles, so that nurses could focus on clinical roles.



Objectives

1. Remove non-direct patient care from nurses
2. Augment nursing manpower focusing on caregiving and non-clinical tasks
3. Maintain patient safety standards and satisfaction
4. Achieve system cost-savings
5. Attract more people to join healthcare

Methodology

1. Systems thinking was shown through the team's total organisational approach using lean principles and the DMAIC approach (Define, Measure, Analyse, Improve, Control), with the aim of a sustainable, value-add & cost-effective PCO Project.
2. This include having to pivot from Care Ambassadors Programme to design the PCO role to develop into a new service professional.
3. Proper Training (20-days) was designed to on-board new staff.

Patient Touchpoints and Service Management
Enables the PCOs to identify patient's pain points, and helps the PCOs in patient education and engagement.



Science, L.O.V.E & Wisdom
Reminds the PCOs what the institution stands for, and how their role plays a part.



Onboarding and Orientation
Provides PCOs with the context of the job - the industry, the institution, the people.



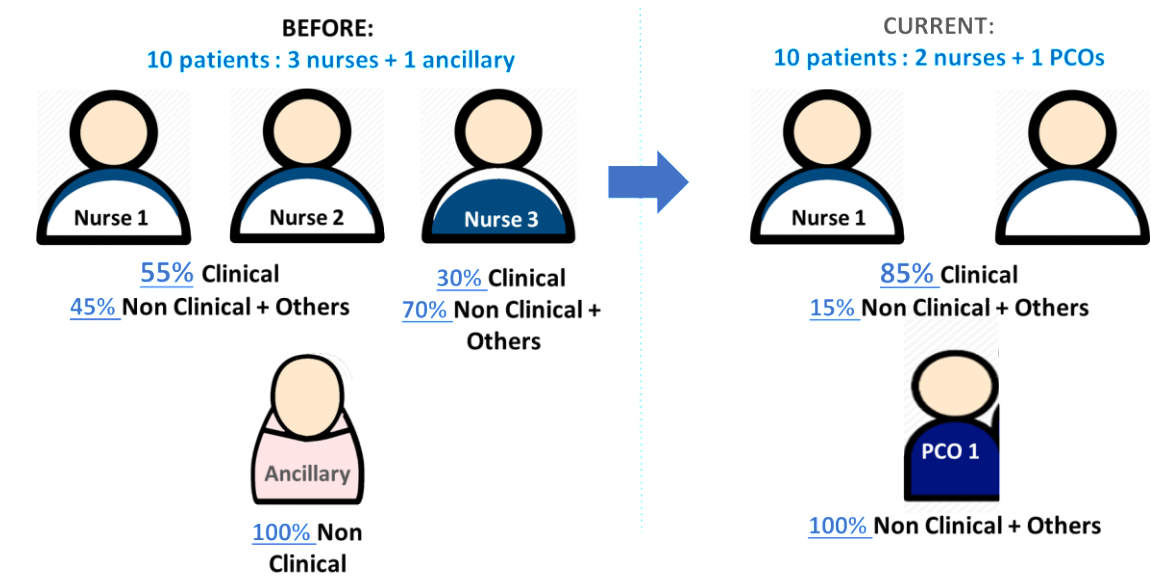
Caregiving
Prepares the PCOs for caregiving duties, as well as ward ops and administration.



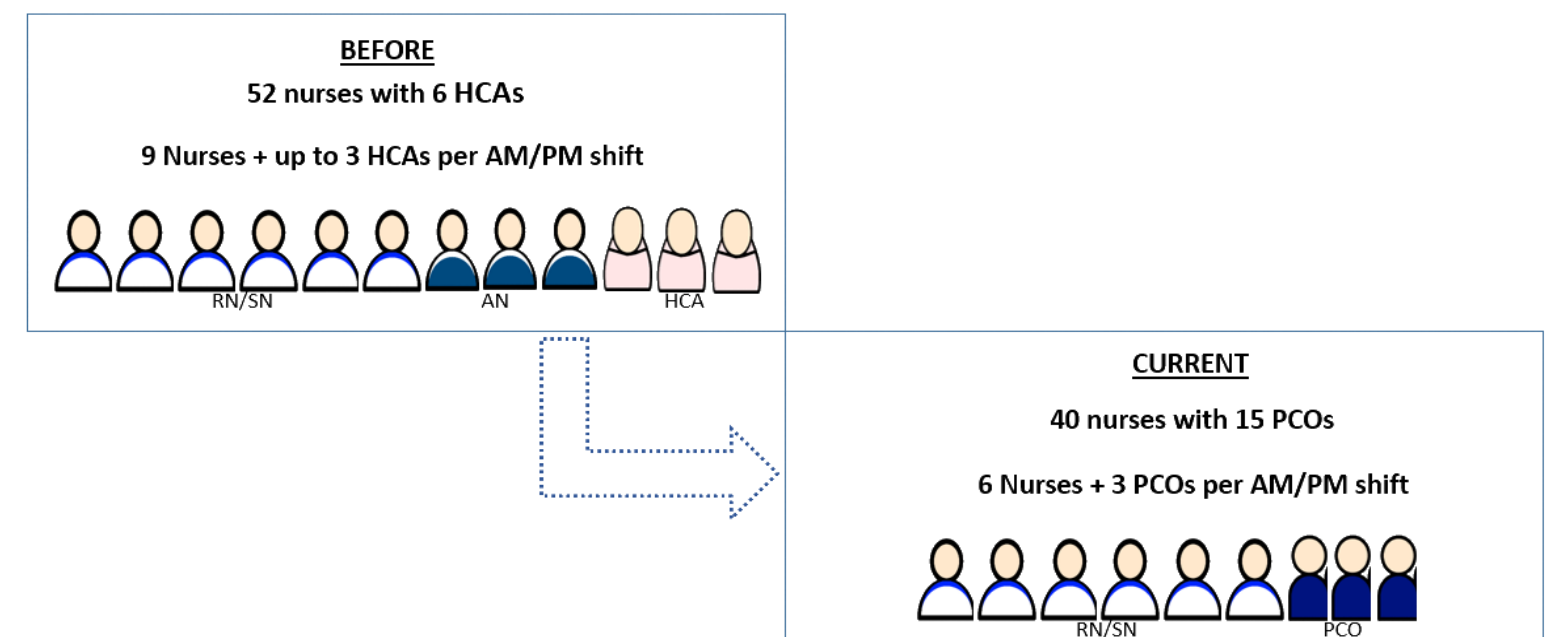
Delivering Service from Your Heart (SIA)
Trains the PCOs to empathise, and address the patient's pain points.

Results & Project Impact

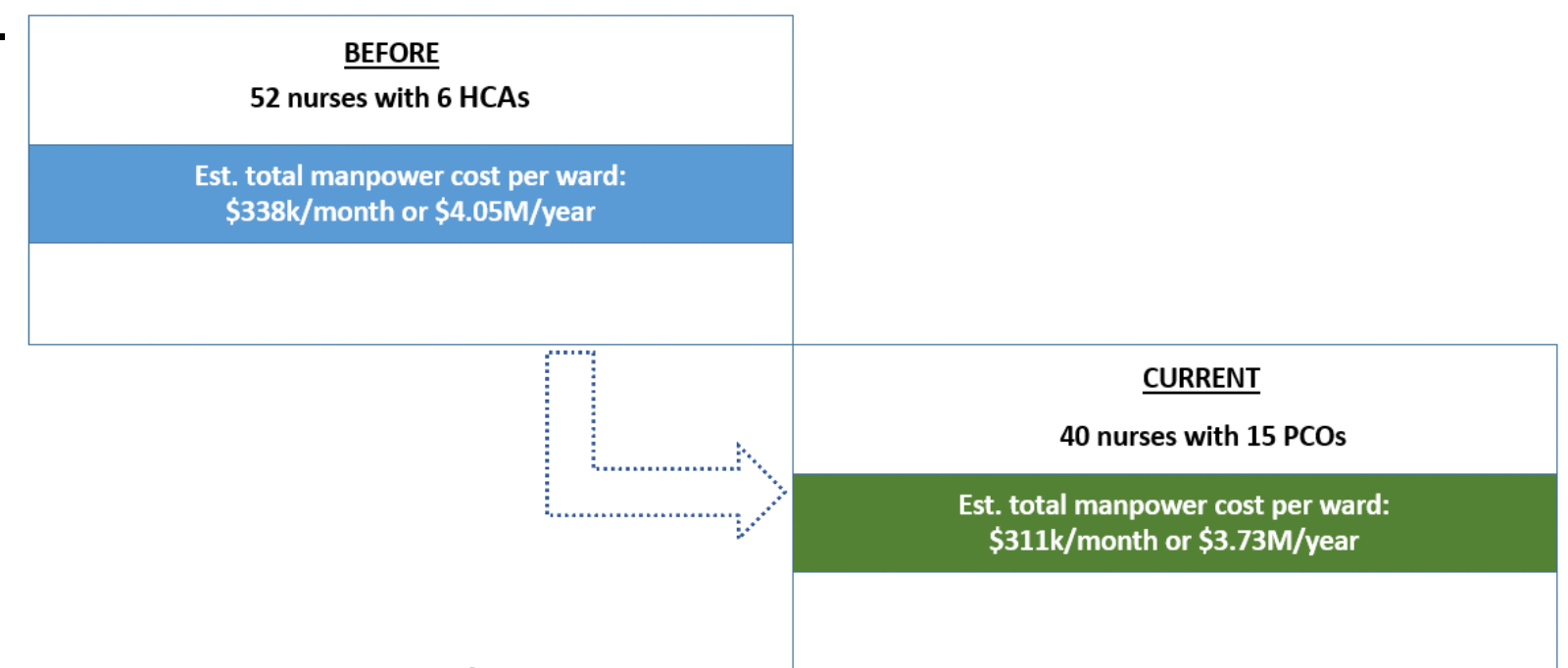
1. Increase nurses' clinical work from 55% to 85% in PCO wards



2. 104 PCOs hired with 75% clearing probation, thus augmenting manpower in the 5 PCO wards allowing nurses to be deployed elsewhere. Generally, there is 23% reduction of trained nurses (from 52 to 40 nurses per ward) needed in PCO wards.

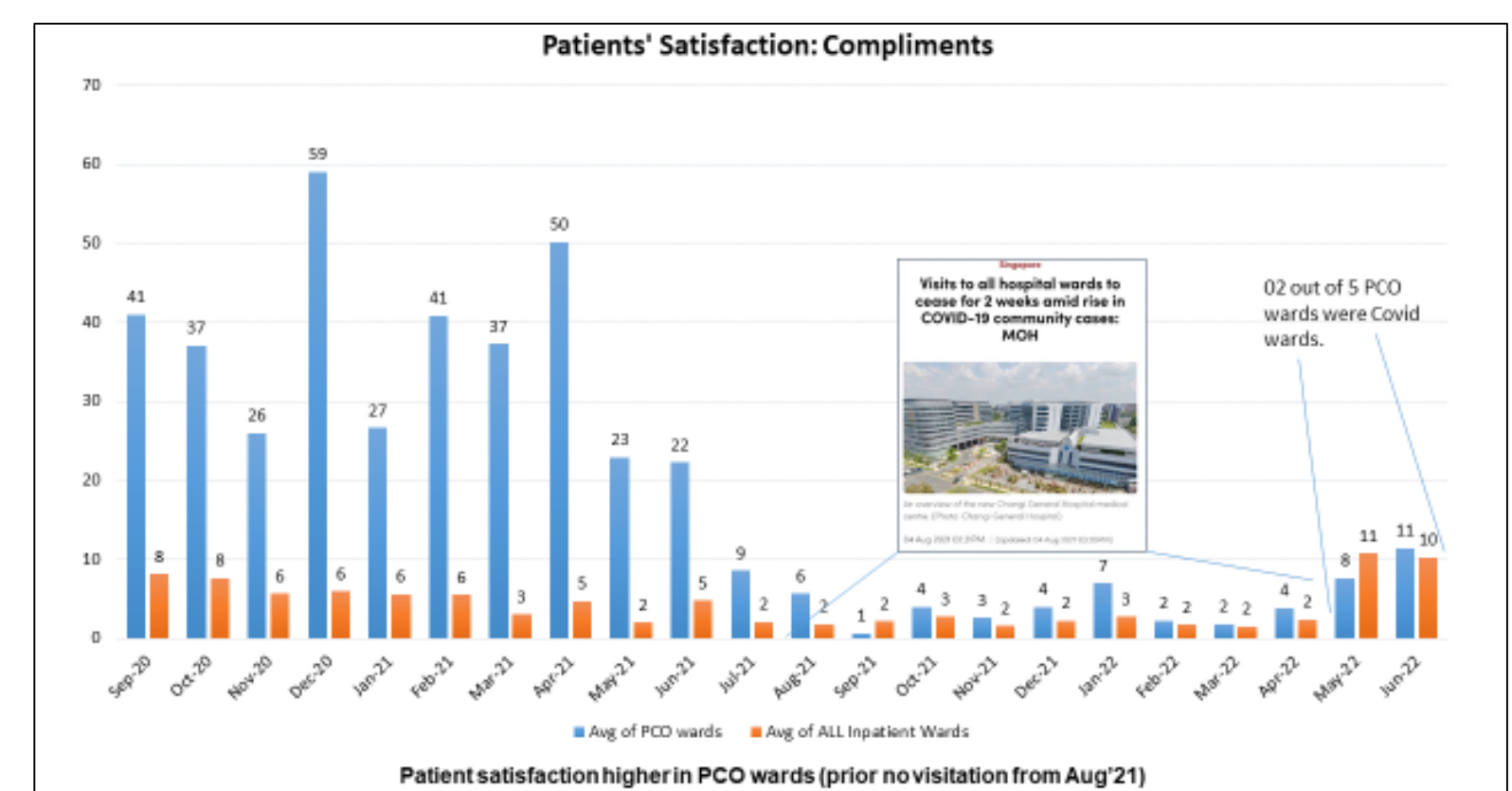


3. Patient safety standards maintained while average number of compliments is higher in PCO wards.
4. Projected manpower cost-savings of \$1.6m per year for PCO wards.



5. Improved patients' satisfaction.

- PCO wards have higher average number of compliments compared to other wards.



Sustainability & Follow-Up

1. Regular engagement with PCOs via townhalls, roll calls, group sessions, and 1-on-1 sessions with COO.
2. Regular engagement with other stakeholders (nursing and senior management) for a 360 feedback on the project.
3. Constant refining and scaling of the programme and roles of PCOs to improve efficiency
 - From deploying PCOs to surgical & medical wards, to deploying PCOs to medical & geriatric wards
 - Expanding from 2 to 5 wards & re-calibrating the numbers of PCOs per ward per shift
 - Improving the training needs and frequency of training for PCOs (from 20 days into 5 days of hybrid training – via Zoom and face-to-face)
4. Constant recruitment drives and interviews to keep the pipeline:
 - Job trials
 - Roadshows
 - Career talks



Conclusion

This is a cost-effective workforce transformation initiative. Encouraged by positive results and feedback from nurses, patients and PCOs, the plan is to expand this job role to more wards and into the community.