

To improve patients' knowledge on surgical procedure for better management of post-surgery care

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Background: SGH Specialist Outpatient Clinic (SOC) G is one of the multidiscipline clinic among the 19 clinics and centers in the department. After doctors' consultation, listing nurses attend to patients who needs to be listed for procedures. The nurses

- schedule patients for their procedure dates
- make the necessary arrangements for patient to have their Pre-assessment tests
- perform financial counseling
- conduct patient education

The nurses observed an increase in cancelled procedures. These cancellations created additional work for the nurses in cancelling all the arrangements made or in rescheduling dates for the patients.

Aim: The project aimed to ensure that all patients in SGH SOC G Clinic are fully informed regarding their pre and post-operative care by 9 months.

Methodology:

The team used the Cause and Effect Diagram to identify the root causes of the problem as illustrated in Figure 2.

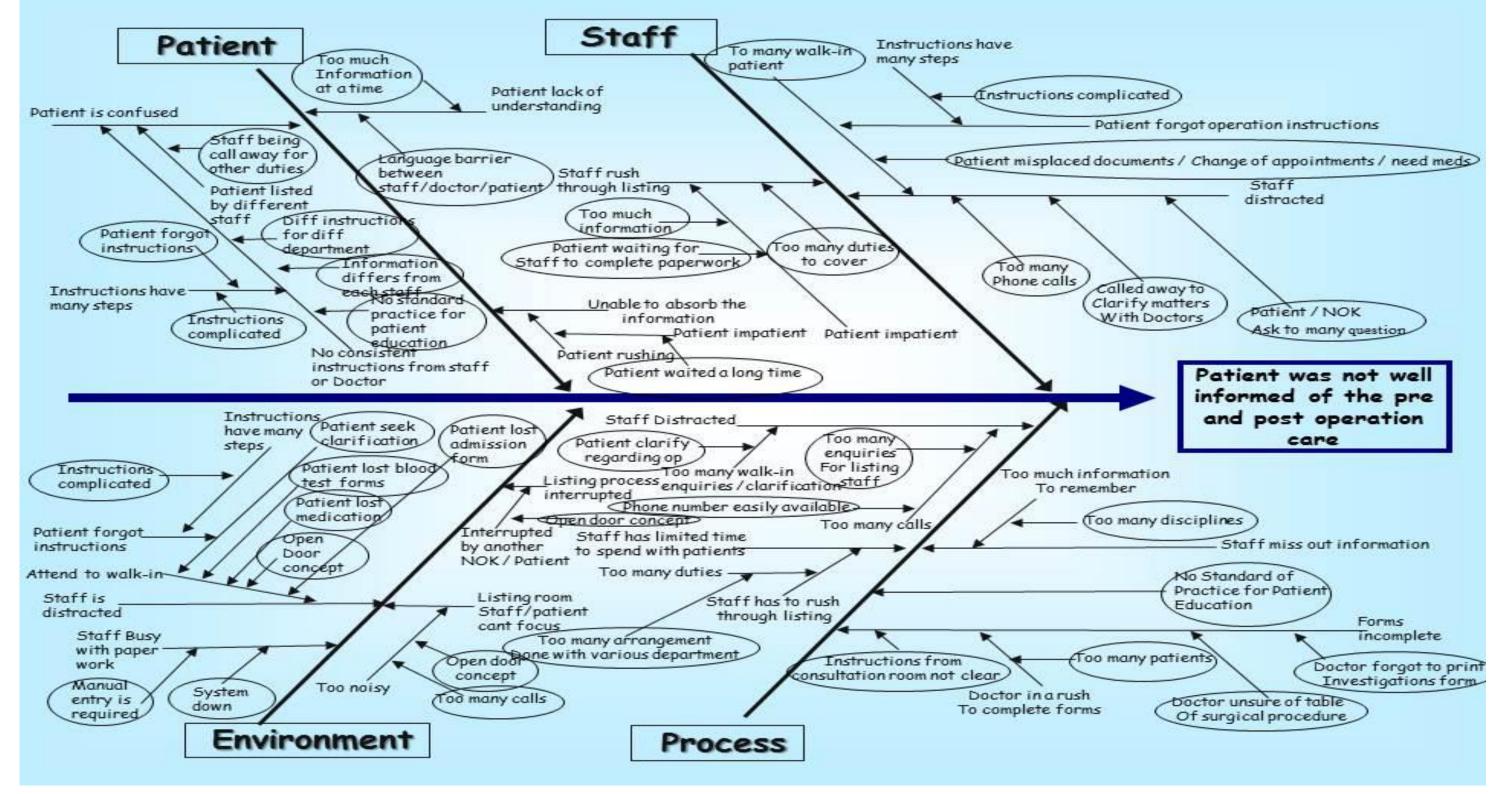


Figure 2: Cause and Effect Diagram to identify the root causes of the problem

Through multi-voting, the team used a Pareto Chart to identify the root causes that contributed to 80% of rescheduled or cancelled procedures as illustrated in Figure 3.

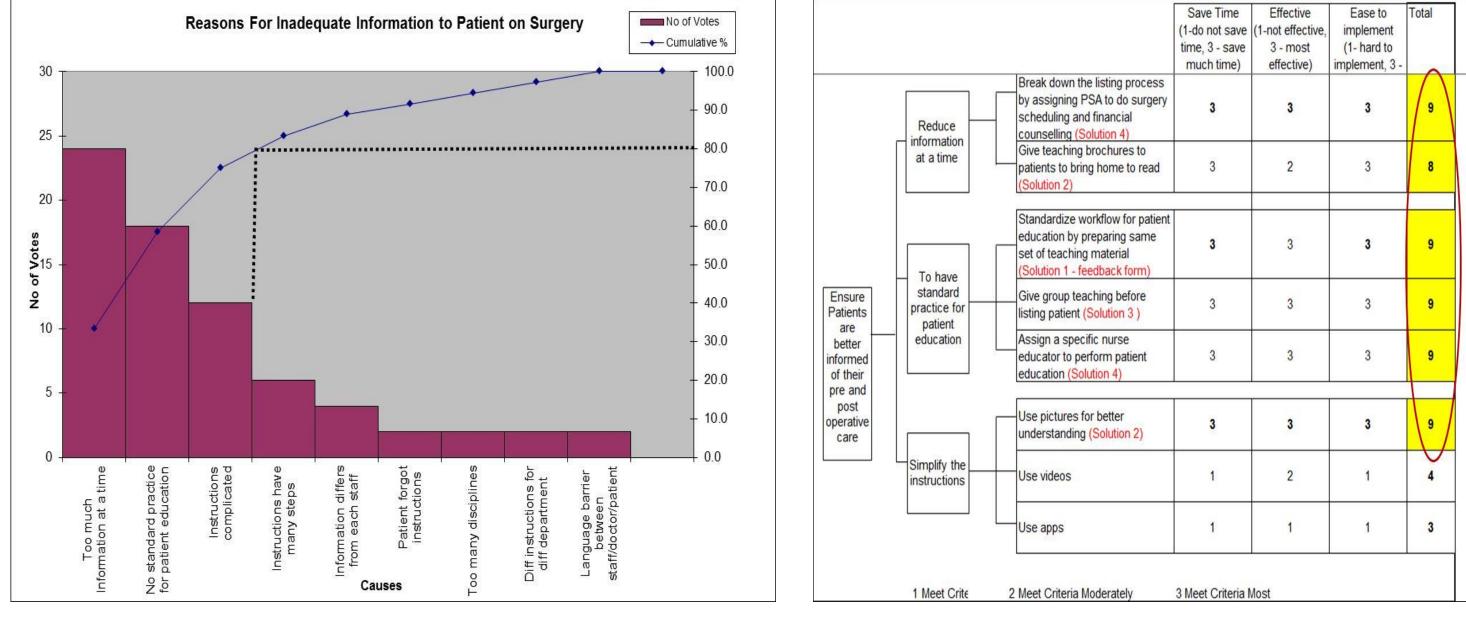


Figure 3: Pareto Chart to identify root causes Figure 4: Decision Matrix Table root

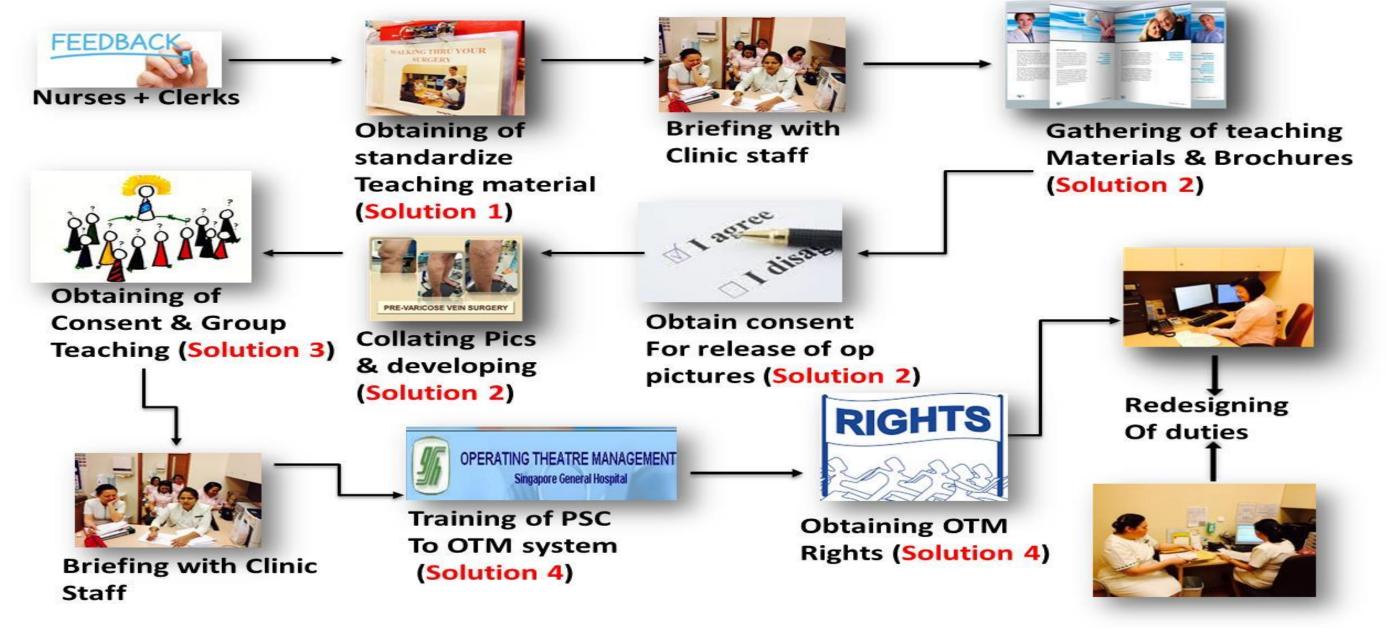
The 9 root causes were shared to all staff during the clinic's weekly meeting. From the voting's done by the clinic staff, the following 3 root causes which best represented the reasons of why patients were not well-informed of their pre and post-operative care were listed:

- a) Too much information at a time
- b) No standard practice for patient education
- c) Instructions complicated.

Solution Development:

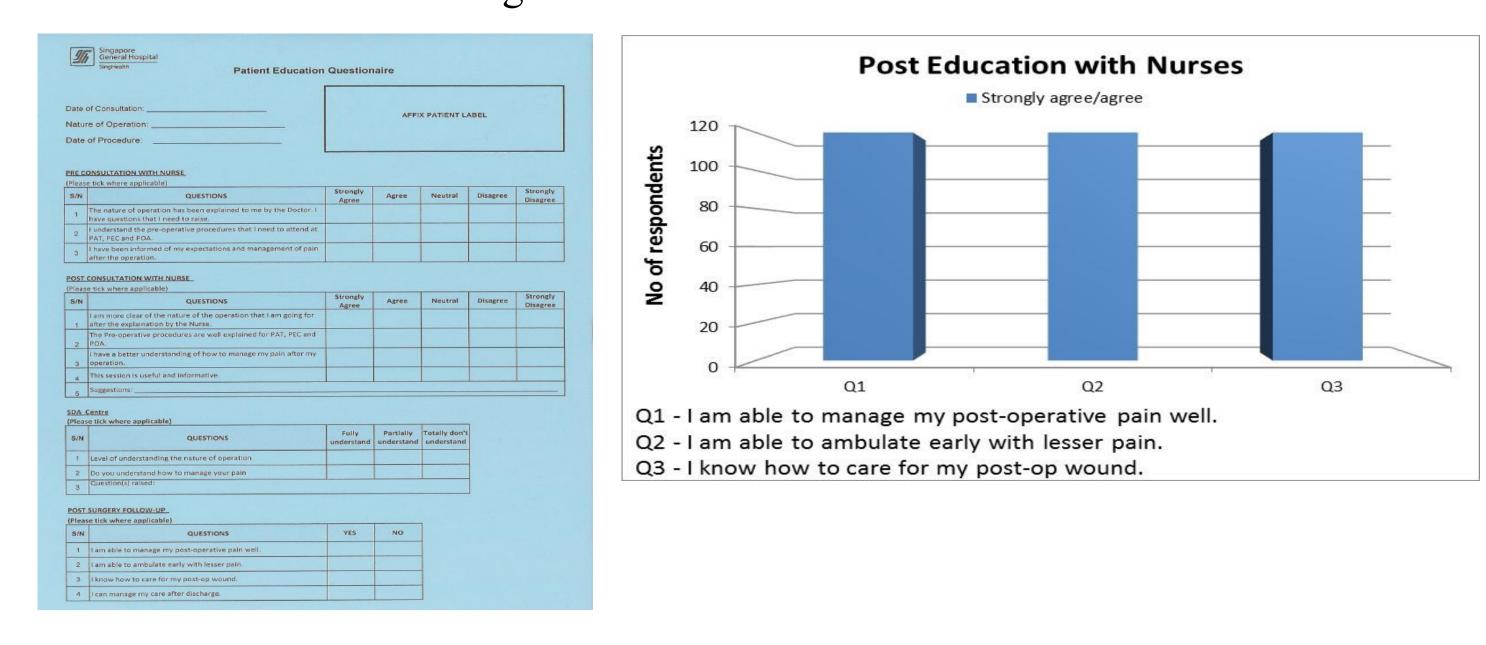
Using the serendipity and brainstorming techniques, the team identified actions and develop solutions to solve these root causes. Various alternative solutions identified were evaluated using the Decision Matrix Table illustrated in figure 4.

Solution Implementation - Rollout Plan

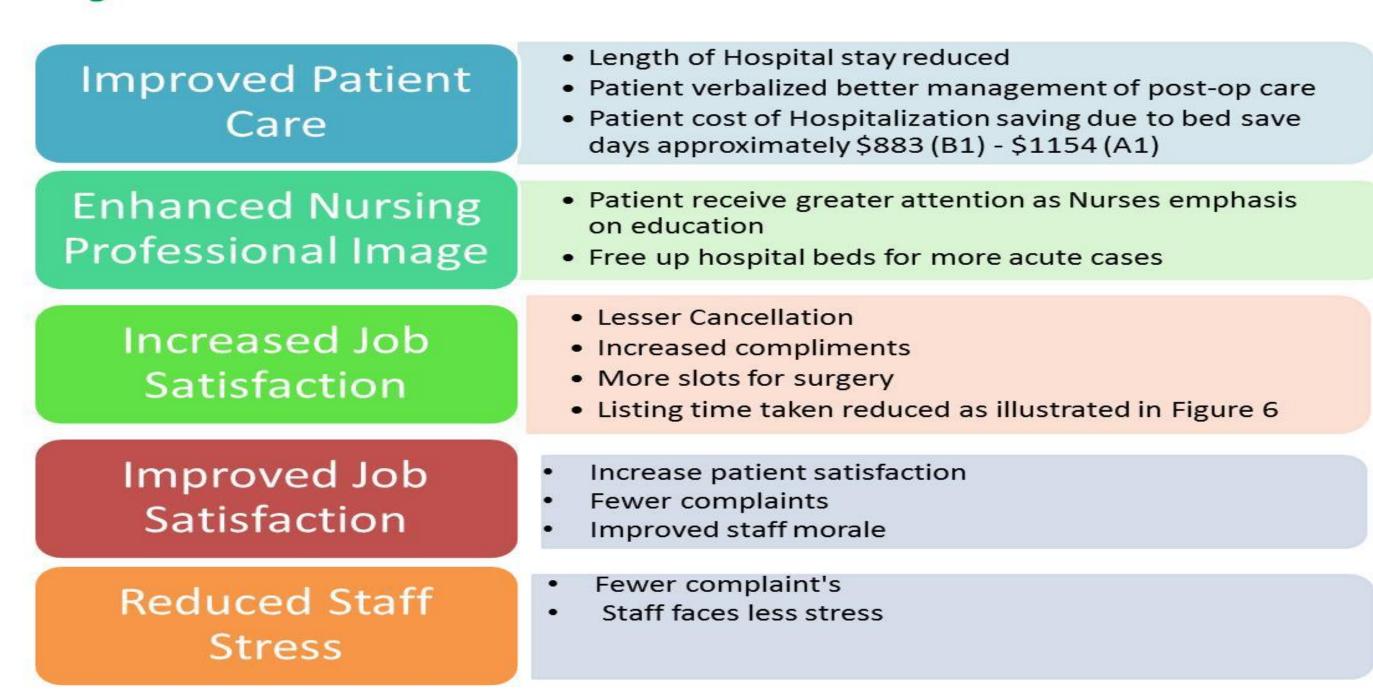


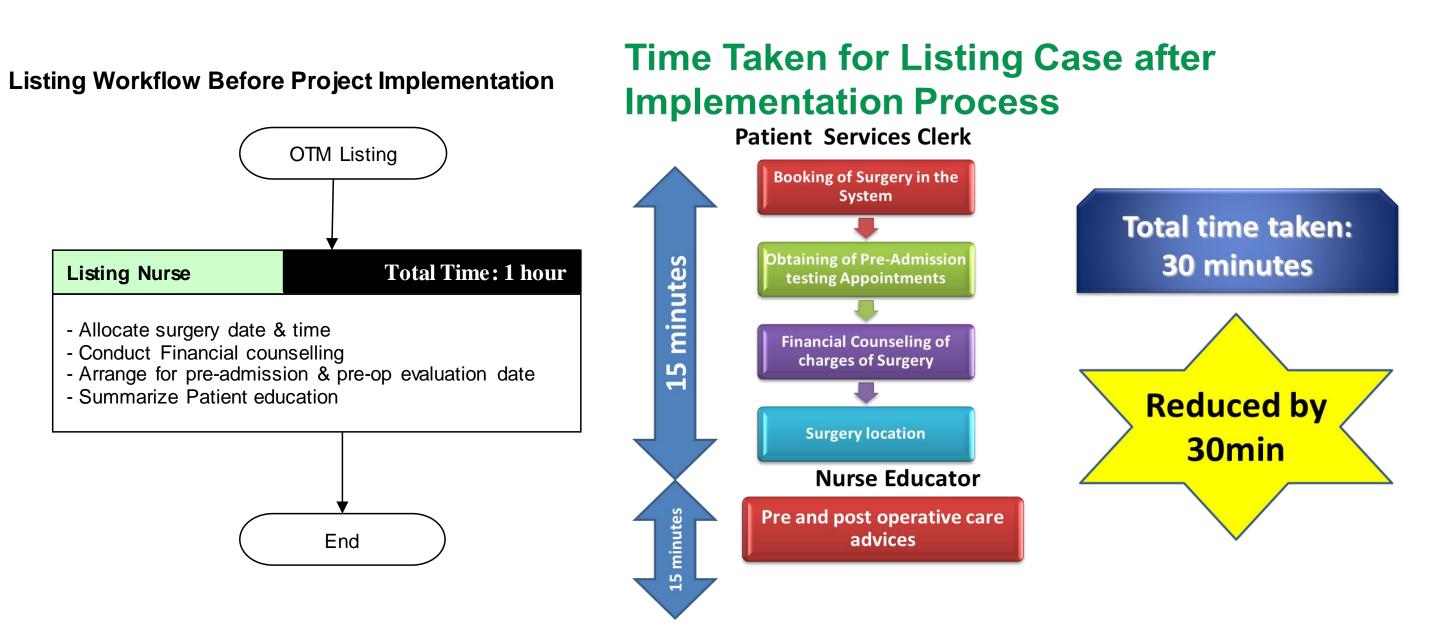
Project Achievement:

Overall patient's satisfaction was obtained as measured via patient survey. After the implementation of the detailed patient education, 100% of the patients expressed that they strongly agree that there were fully informed of their pre and postoperative care for surgery after the patient education counselling for all 3 questions answered as illustrated in Figure 5.



Project Achievement





Overall Organization Impact:

- Better use of hospital resources (OT time) Enhanced nurses images
- Increase Staff satisfaction
- * Increase Patient satisfaction

Sustainability

✓ Other clinics adopted the education method and created similar education files
✓ The organisation will be embarking on Centralised listing for all Outpatient
Clinics where PSAs will be performing financial counselling and listing. This

allows the nurses to focus on patient education and clinical duties