

Project Title

Identifying ward patients for cardiac Test at Clinic A34 Cardiology Clinic

Project Lead and Members

Project lead: Lynn Chen

Project members: Sandra Yow, Jasmine Goh, Loh Yu Xuan, Nuratasha Nabilah,

Organisation(s) Involved

Ng Teng Fong General Hospital

Healthcare Family Group Involved in this Project

Nursing, Allied Health, Healthcare Administration

Aims

The goal is to achieve 10% or less patients wait more than 30 minutes by end of December 2020.

Background

See poster appended/below

Methods

See poster appended/below

Results

See poster appended/below

Lessons Learnt

- Improvements and efficiency of the clinic work flow requires attributes such as good team work from multidisciplinary working groups.
- Streamlined work processes reduce variations and improve work flow.
- Effective communications is the most important part of teamwork.



Conclusion

See poster appended/below

Project Category

Care & Process Redesign

Quality Improvement, Workflow Redesign, Value Based Care, Productivity

Keywords

Cardiac Test, Inpatient, Cardiology Clinic, Wait time

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IDENTIFYING WARD PATIENTS FOR CARDIAC TEST AT CLINIC **A34 CARDIOLOGY CLINIC**

TEAM MEMBERS: SANDRA YOW MEI XIN; JASMINE GOH BEE BEE; LOH YU XUAN; NURATASHA NABILAH FACILITATOR: HAFIDAH ARSHAD; GOH CHENG HUANG; LYNN CHEN

Define Problem, Set Aim

Opportunity for Improvement

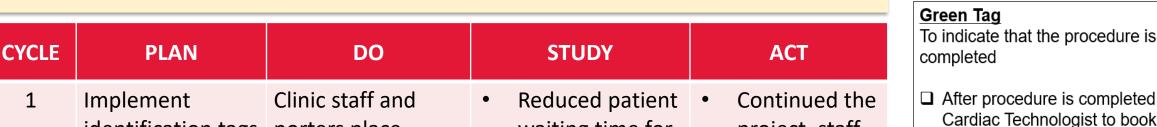
A34 Cardiology Clinic provides Cardiac Diagnostic Laboratory tests and nursing procedure for patients from both Wards and Clinics. About 10% of patients from Wards gave verbal feedback with regards to the long waiting time for both pre and post Cardiac test/procedure, this resulted delay of treatment. An average of 13% of patients waited more than 30 minutes before test/procedure, and 39% of patient waited more than 30 minutes after the test/procedure.

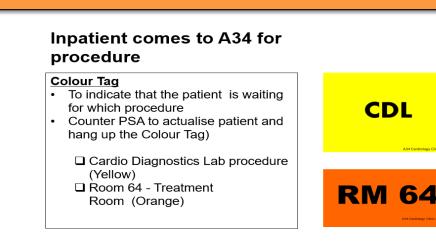
[Restricted, Non-sensitive] **SAFETY PRODUCTIVITY** QUALITY COST TEAMWORK PATIENT EXPERIENCE COMMUNICATION

Select Changes

Identification tags to be implemented to enable ease of identification of patients and improve workflow efficient, especially those patients on wheelchair:

- ✓ Type of test/ procedure for patient
- ✓ Status of test/procedure to reduce waiting time to the ward





DONE

Inpatient comes to A34 for procedure

<u>Green Tag</u> To indicate that the procedure is completed	Т	DONE
After procedure is completed,		

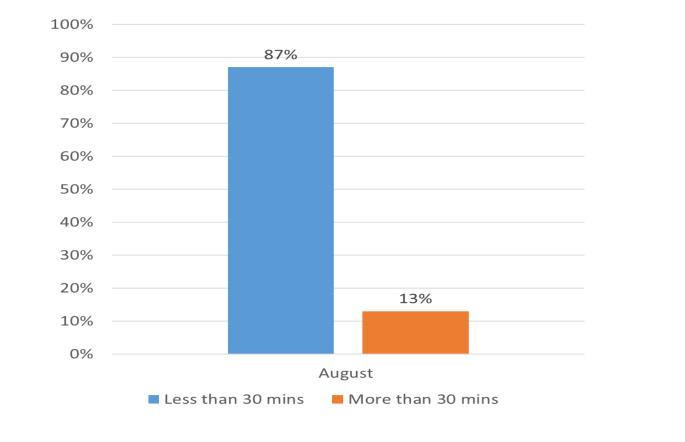
Aim

To improve patient experience and patient safety at A34 Cardiology Clinic through improving wait time and ensure all patients' needs are attended immediately without delay and confusion. The goal is to achieve 10% or less patients wait more than 30 minutes by end of December 2020.

Establish Measures

Current performance (Before implementation)

- 13% of patients waited more than 30 minutes for test/procedure
- 39% of patients waited more than 30 minutes after the test/procedure
- 7% of patients missed out scheduling porter after test/procedure



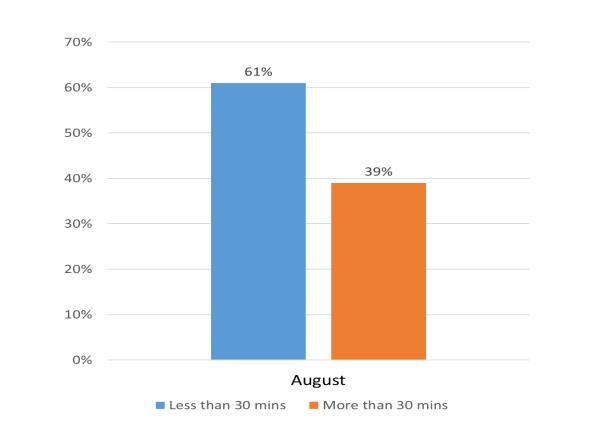


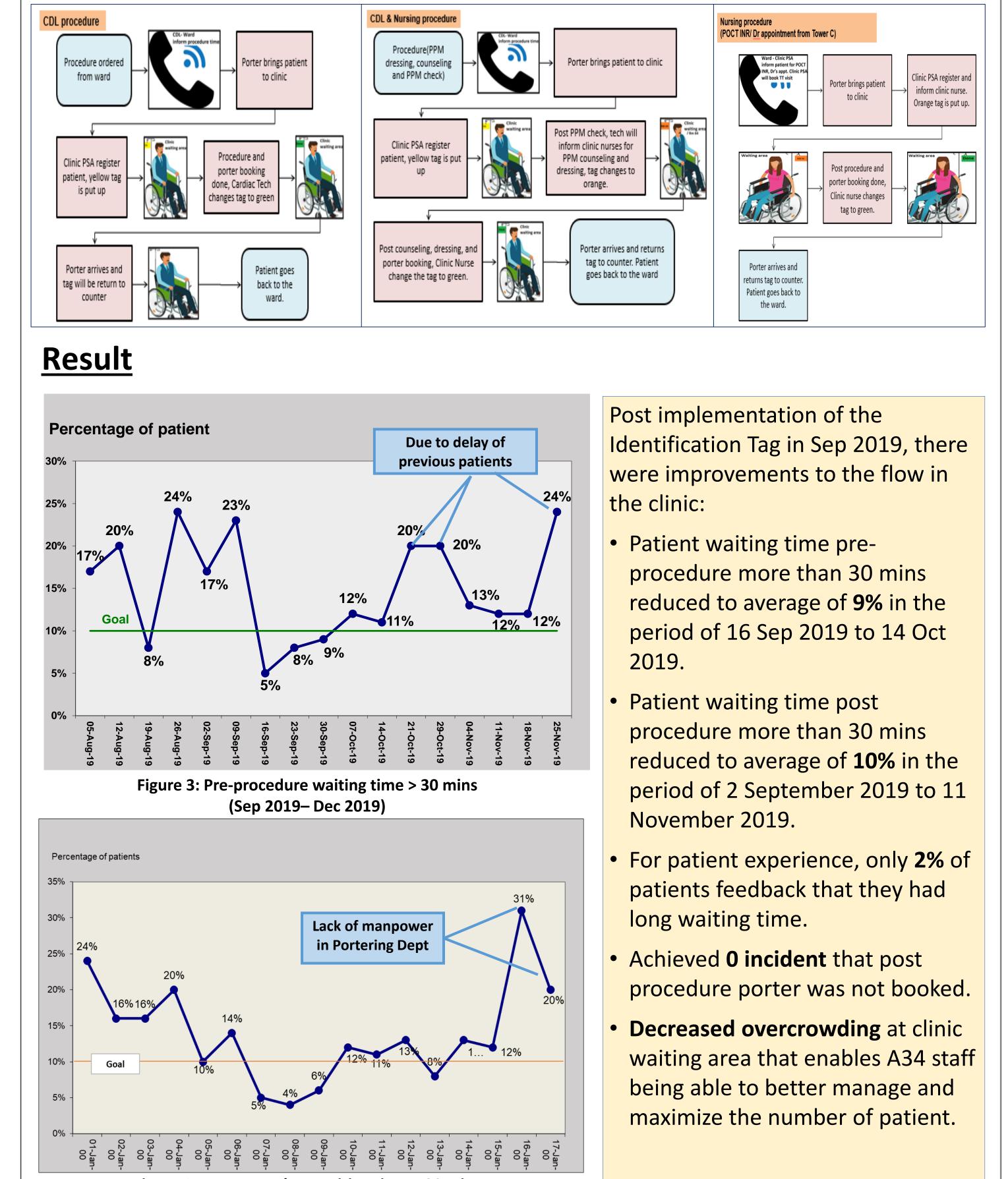
Figure 1: Pre-procedure waiting time > 30 mins

Figure 2: Post-procedure waiting time > 30 mins (1st Aug 2019– 30th Aug 2019)

for patients from Ward came to at A34 Cardiology Clinic for test/	porters place identification tags for patients from Ward for CDL test/nursing	 waiting time for pre and post procedure. Staff forgot to hang the tag 	project, staff were reminded to hang the identification	 porter to hang the green tag on patient's wheelchair Done (Procedure is completed)
procedures.	procedure	 Manpower shortage for porters to transfer patients. 	 tags for patients. Follow up with Portering Dept for manpower 	

Test & Implement Changes

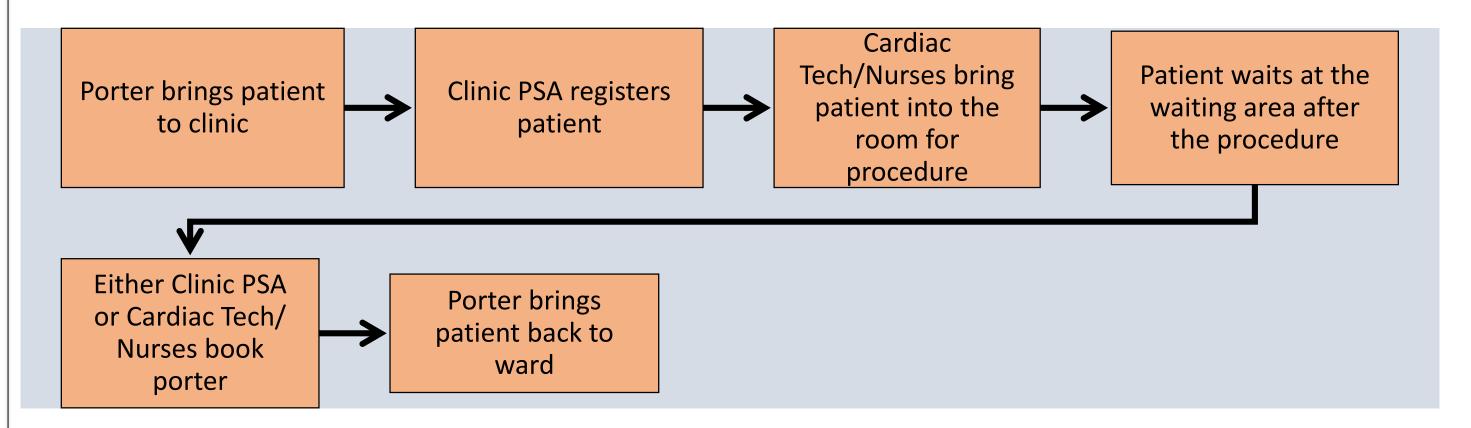
New Workflow



(1st Aug 2019– 30th Aug 2019)

Analyse Problem

Current Process



Probable Root Causes & Solutions

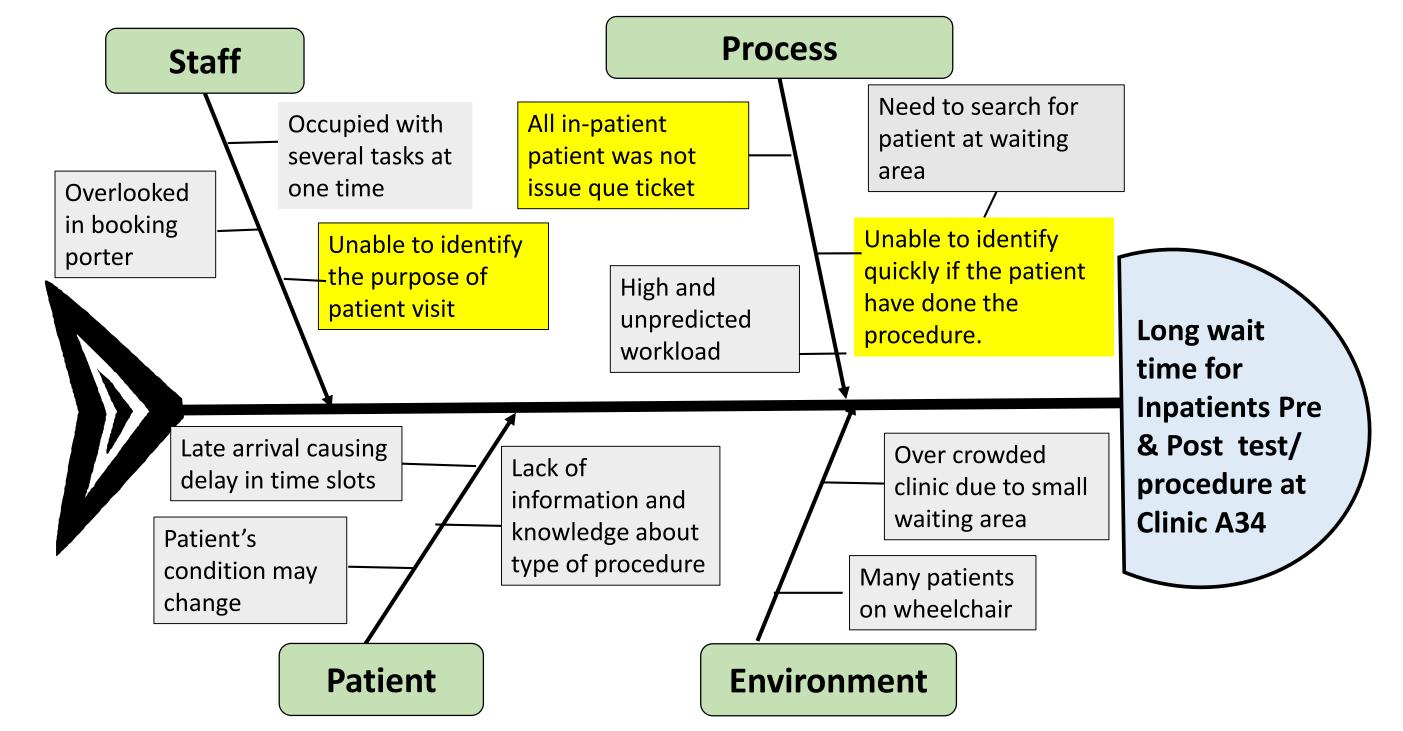


Figure 4: Post-procedure waiting time > 30 mins

Probable Root Causes	Probable Solutions
Unable to identify the purpose of patient visit	Implement identification tag for patients from Ward
Unable to identify if patient has done the test/procedure	Use color coded identification tags
Patients are not issued queue ticket	Enhance the queue system to issue Q nos for inpatients

(Sep 2019– Dec 2019)

Spread Changes, Learning Points

Key learnings

- Improvements and efficiency of the clinic work flow requires attributes such as good team work from multidisciplinary working groups.
- Streamlined work processes reduce variations and improve work flow.
- Effective communications is the most important part of teamwork.

