



Project Name

Enhancement of NPO status for all CT scan patients with IV contrast media administration.

Site

Riyadh

Department

Radiology

Project Status

Completed

Project Start Date

01-17-2017

Project End Date

09-30-2018

Problem: Why the project was needed?

All patients coming for CT Scan with IV contrast media administration, are expected to be NPO for four hours. Unfortunately, not all patients are compliant with the four hour-instruction, and this causes either an increase in patient waiting time or a rescheduling of the procedure. Based on evidence, NPO status has been reduced from 4 to 2 hours for all CT scan patients with IV contrast media administration, and piloted on 100 patients before final implementation.

Aims: What will the project achieve?

The aim of this project is to reduce patient waiting time by changing the NPO status from 4 to 2 hours for all CT scan patients with IV contrast media administration before the end of September 2017; in addition, this has impacted patient satisfaction result to continue to be above 95% and has decreased the number of rescheduled cases due to NPO reason.

Benefits/Impact: What is the improvement outcome?

(check all that apply)

- Contained or reduced costs
- Improved productivity
- Improved work process
- Improved cycle time
- Increased customer satisfaction
- Other (please explain)
Click or tap here to enter text.

Quality Domain: Which of the domains of healthcare quality does this project support?

(Select only one)

Efficient

Measures: Performance metrics to be evaluated	Targets: Expected outcomes
<ol style="list-style-type: none"> 1. NPO waiting Time 2. Patient Satisfaction 3. Number of rescheduled patient due to NPO reason 	<ol style="list-style-type: none"> 1. Not to exceed 2 hours 2. ≥95% 3. 50% reduction from baseline

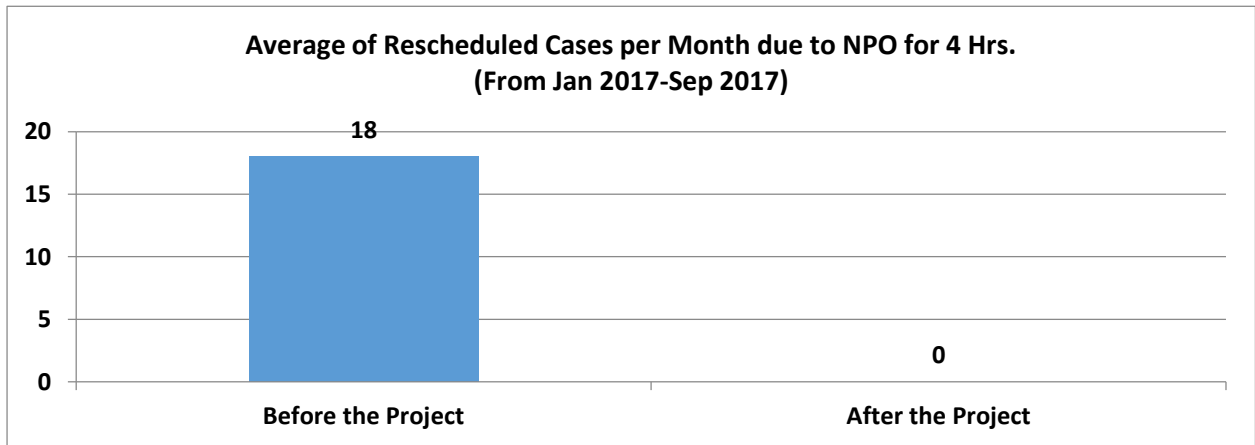
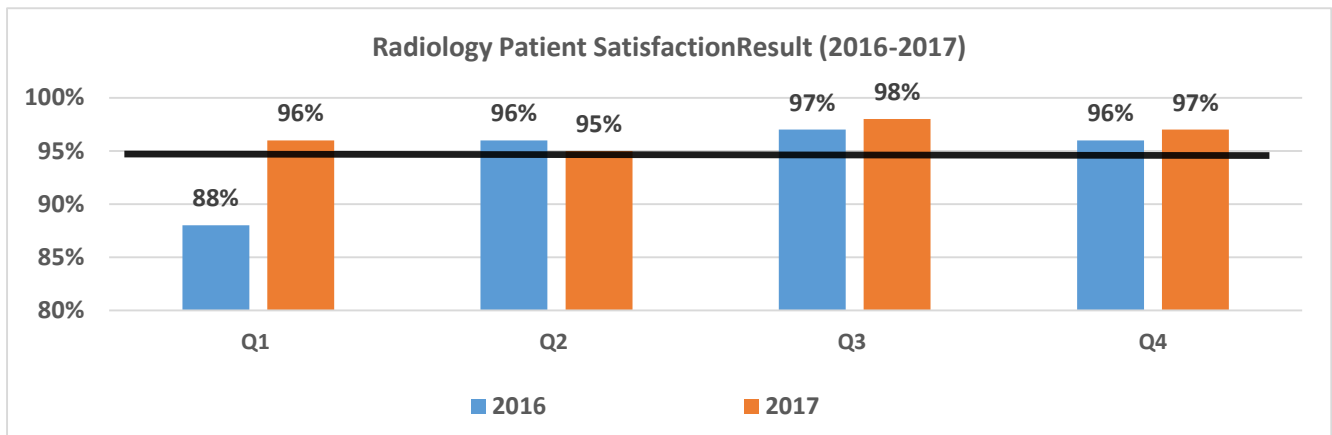
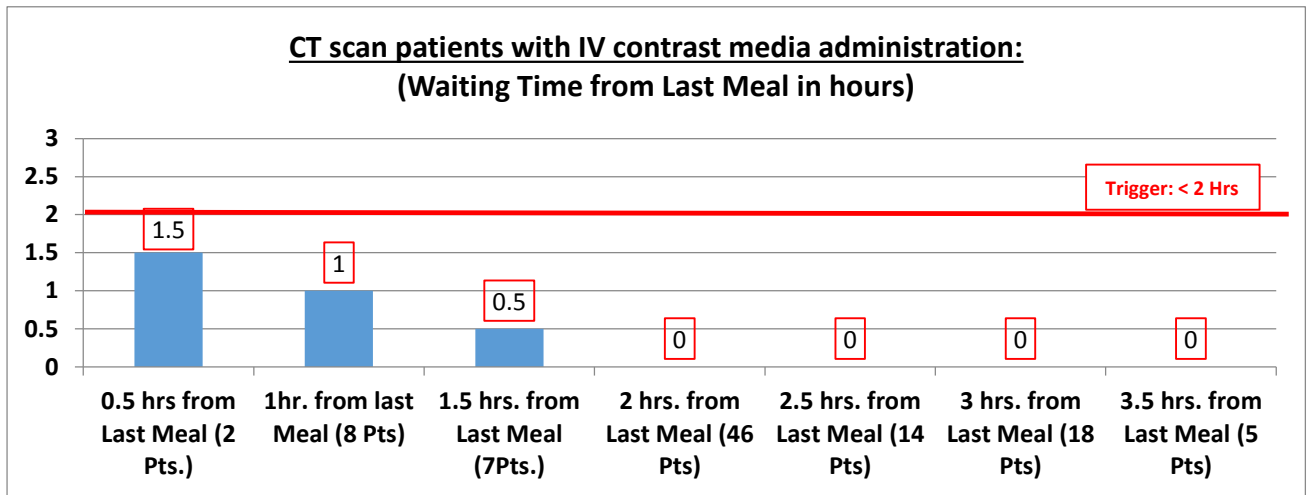
Interventions: Overview of key steps/work completed

- Reduce the NPO status from 4 to 2 hours
- Communicate with nurses in the inpatient wards for patient to be NPO for two hours.
- Observe patients closely post contrast injection for 15 to 20 minutes to ensure no signs or symptoms of contrast reactions (nausea, vomiting, and aspiration).
- Conduct Follow up calls to make sure patients are not having any contrast reaction symptoms.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project

(Insert relevant graphs, data, charts, etc.)

- >95% patient satisfaction.
- Zero rescheduled CT Scan Patients.
- 50% reduction in NPO Waiting time.



Project Lead

Name

(person accountable for project)

Saad Al Enazi (CT Supervisor)
Hanadi El Zein (Head Nurse, Radiology-Ambulatory Nursing)

Team Members

Names

(persons involved in project)

Sara Al-mehemed
CT Nurses and technologists.