



Strategic Priority: **SP2- KFSH&RC Experience**

Project Name

Improve productivity in Pelvic Radiation Treatment Process

Site

Riyadh

Department

Radiation Therapy

Project Status

Completed

Project Start Date

01-02-2018

Project End Date

01-11-2018

Problem: Why the project was needed?

Patient's procedures are cancelled/ delayed for hours, because of requirements for the bladder and rectum for CT Simulation and planning. The bladder and rectum reproducibility are critical for treatment; in addition to the patient, this affects many disciplines within the department: Nursing, Physicians, Physicists, Radiation Therapists and the daily schedule.

Aims: What will the project achieve?

To decrease the number of delayed or canceled appointments for CT Simulation for patients being planned for pelvic irradiation by 50% from baseline data by October 2018.

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)

Patient Centred

Measures: Performance metrics to be evaluated

Canceled or delayed CT Simulation for bladder or rectal reasons

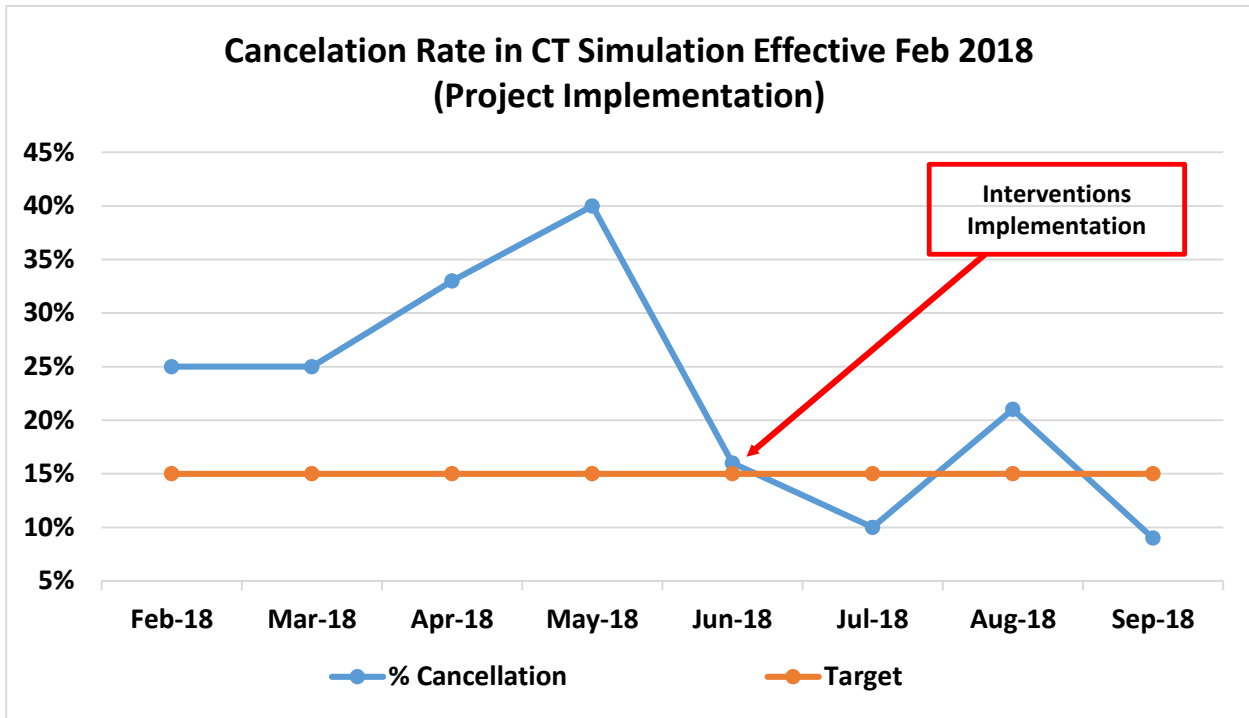
Targets: Expected outcomes

50% decrease from baseline

Interventions: Overview of key steps/work completed

- Create a Specialty Education clinic run by radiation therapists to provide comprehensive education to patients.
- Call the patient a day before the procedure to ensure his/her compliance to the instructions.
- Develop a standardized educational material to be shared with patients.
- Work with physicians on prescribed medications to be added before the CT appointment.
- Collaborate with Nursing regarding medications stock and availability in Pyxis.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project
(insert relevant graphs, data, charts, etc.)



Project Lead

Name

(person accountable for project)

Christine Higby, Head Radiation Therapist

Team Members

Names

(persons involved in project)

Radiation Therapists

Mona Alturaiki
 Alla Batouk
 Haifa Asfor
 Mandy Willis

Physicians

Dr Shabanah
 Dr Jastaniyah
 Dr. Rizwanullah

Nursing

Abdullah Abuarif
 Shiney Thayyil
 Safaa Ahmed