



Project Name

Enhancing Turn Around Time for Tuberculosis (TB) Chest X-ray Screening For Employees

Site

Jeddah

Department

Radiology Department / General Radiography Section

Project Status

Completed

Project Start Date

07-01-2018

Project End Date

09-23-2018

Problem: Why the project was needed?

Click or tap here to enter text. There are protocols being followed regarding healthcare worker with positive PPD skin test. Routine Chest radiograph to be done in the Radiology Department is one of the needed procedures. This is where our project originated. Enhancing Turn Around Time for Tuberculosis (TB) Chest x-ray screening for employees. (Turn Around Time = Procedure Start Time till Completion Time)

Aims: What will the project achieve?

Reduce the exam time from 12 minutes/patient to 7 minutes/patient.

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)

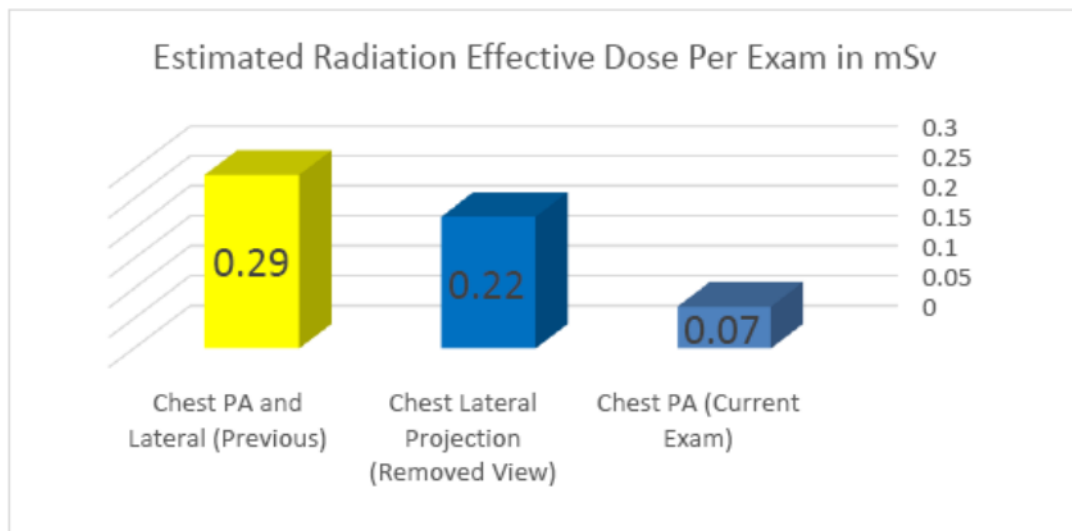
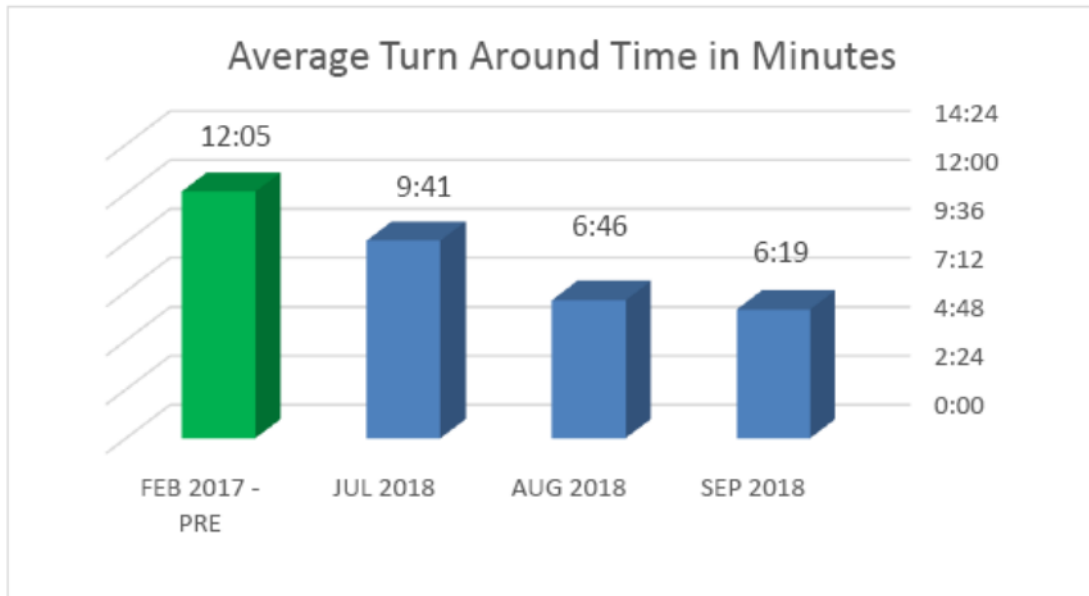
Timely

Interventions: Overview of key steps/work completed

The Turn Around Time was reduce by:

- Patient was educated about the procedural requirement, e.g. changing cloths, removing necklace, bra for female patients, and any metal in the exam area. This will reduce number of repeats due to artifacts on the radiographs.
- Multidisciplinary meeting was done between Family Medicine and Radiology Department regarding the possible unifying the Radiology Order for employees with Positive PPD skin test. The suggestion from the group is to eliminate the acquisition of the Lateral projection of the Chest and doing only Frontal View.
- At first, additional task were given to the technologists changing orders in RADNET Exam Management, and informing Family Medicine physician that the Unified Request is "Chest X-ray PA or AP.

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



i.nlm.nih.gov/pubmed/28981835

Project Lead

Name

(person accountable for project)

Eduardo Maniego

Team Members

Names

(persons involved in project)

Samer Dardas (QM Facilitator)

Dr. Jaweed Vayani

Dr. Muntasar Bashir

Ms. Mary Rescate

All General Technologist

Wejdan Niazi