



### Project Name

Decrease turnaround time (TAT) of bone marrow aspiration (BMA) procedures in adult oncology treatment area (OTA) every Tuesday of the month.

### Site

Jeddah

### Department

Oncology Treatment Area –Adult

### Project Status

Completed

### Project Start Date

04-01-2018

### Project End Date

07-31-2018

### Problem: Why the project was needed?

1. Current average turnaround time TAT of BMA procedural adult oncology treatment area is 185 minutes every Tuesday of the month.
2. All the procedures should be done before 12:00 pm due to samples should be send to Riyadh.
3. If we can decrease the turnover time will help us to complete all booked patients by 12 pm.

### Benefits/Impact: What is the improvement outcome?

- 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.

### Aims: What will the project achieve?

To Decrease turnaround time TAT of bone marrow aspiration (BMA) procedures in adult oncology treatment area (OTA) from 185 minutes to 125 minutes (60 minutes) every Tuesday of the month by end of July-2018

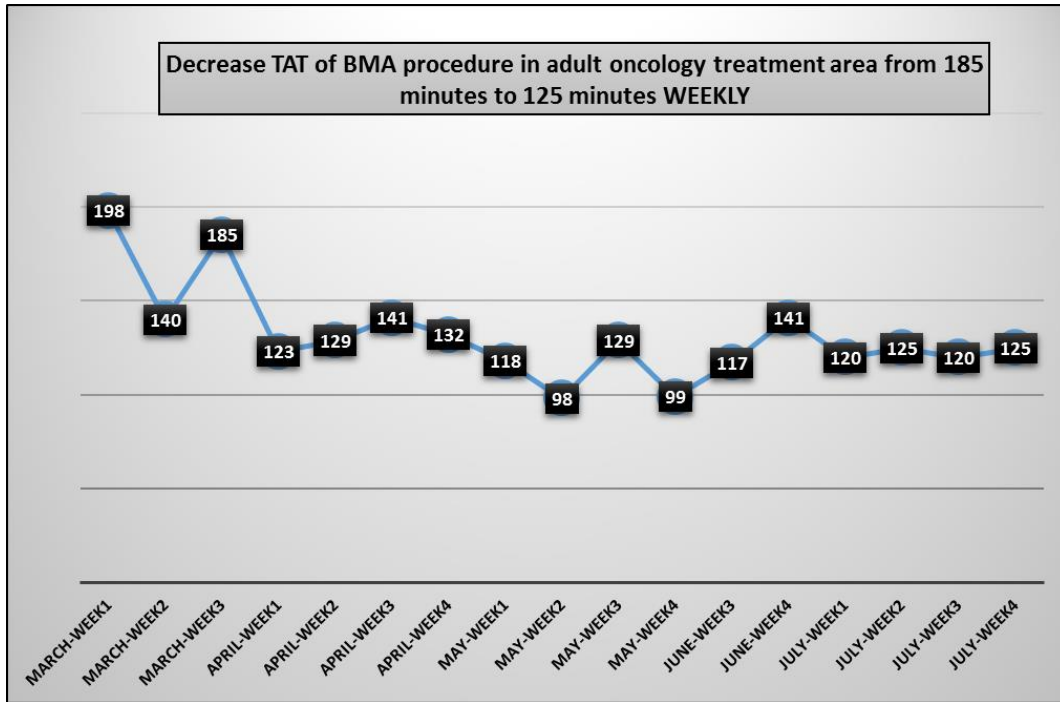
### Quality Domain: Which of the domains of healthcare quality does this project support?

Effective

### Interventions: Overview of key steps/work completed

- We had a collaborative meeting with all the steak holders especially lab technician, physician, and OPD nurse.
- We have implemented audit tools to track the patient flow in adult oncology treatment area.
- We came up with an agreement with lab technician to start the first case @9am and to have maximum of 4 patients per week and booked in the OTA.
- OPD nurses has been asked to prepare all needed documents once patient is booked for BMA in OTA.
- We put a plan not to accept patient without booking reference number in order to confirm the booking with the lab technician.
- For oncology alternative physician has been arranged to cover for BMA procedure.

**Results:**



**Project Lead**

**Name**

Ayat Abdurabbo

**Team Members**

**Names**

Sarbonza Meera (QM Facilitator)  
Anitha Mathew  
Mohammed Sahabi  
Naif Aljohani  
Reyad Dada  
Rehab Assiri  
Alicia Valdez  
Asma Nadhrin  
Rainavel Romano