



Project Name

Reduce Percentage of Vitamin D Re-testing.

Site

Jeddah

Department

Family Medicine

Project Status

Completed

Project Start Date

01-01-2018

Project End Date

12-31-2018

Problem: Why the project was needed?

- The vitamin D tests and re-test were high in Family Medicine during 2017.
- 3.15% of vitamin D orders were not needed as per Up-to-Date recommendations which led to waste in money and resources.
- Unnecessary re-test (when vitamin D above 50 mmol/dl) Normal Range for vitamin D (75-250 mmol/dl).

Aims: What will the project achieve?

Reduce vitamin D re-testing when already (above 50 mmol/dl).

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?

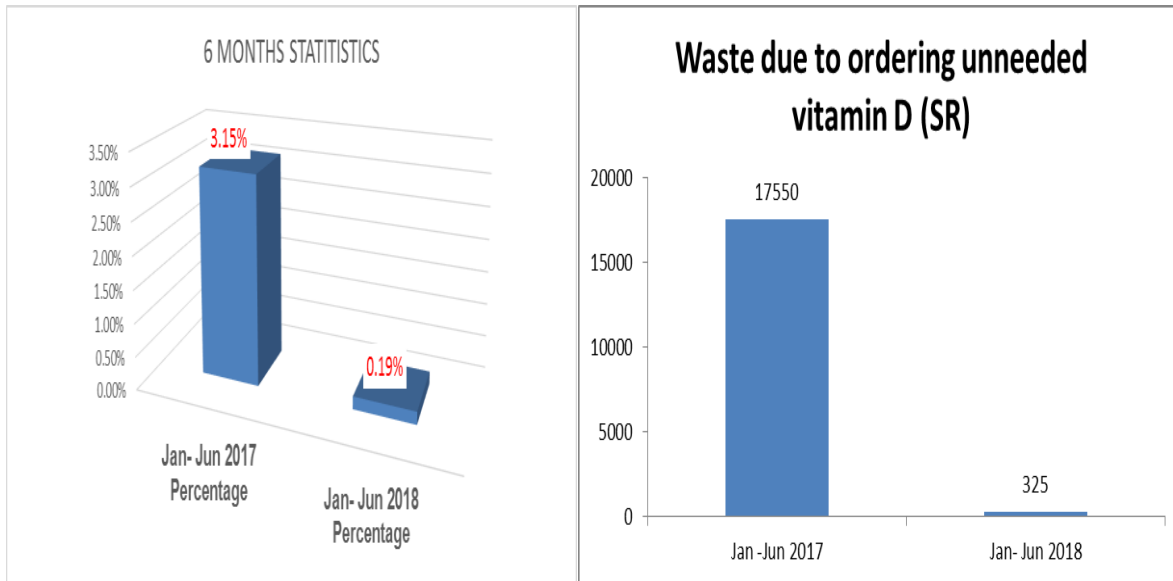
(Select only one)

Efficient

Interventions: Overview of key steps/work completed:

- Reviewing guidelines and Up-to-Date recommendations.
- All family medicine medical doctors attended educational sessions about ordering vitamin D.
- We followed Up-to-date recommendations which indicate that re-testing of vitamin D when already (above 50 mmol) is unnecessary.
- We applied these recommendations during 2018 to compare the results with 2017 testing during the same period of time.
- During the first 6 months of 2018, we reduced retesting of vitamin D when already (above 50 mmol) from 3.15% (54 re-test /1712 tests) to 0.19% (1 re-test/502 tests) compared to first 6 months of 2017.
- We will continue following these recommendations through the end of 2018.
- Ordering vitamin D was selected as indicator to measure the compliance with the new process.

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)

Faisal Araki

Team Members

Names

(persons involved in project)

Hadeel Ghurab (QM Facilitator)
Aziz Ahmed Nawab Khan Mengal
Afrah Abdulmohsin Alhalal
Salman Shahid