



Project Name

Reduction of Cost of Materials

Site

Jeddah

Department

Dental Laboratory

Project Status

Completed

Project Start Date

03-01-2018

Project End Date

09-30-2018

Problem: Why the project was needed?

- Clinical services has introduced a KPI in 2018 to “reduce the cost of expired items “.
- Our current Implant abutment system has some components that are no longer manufactured by the supplier, who have since introduced a new abutment implant that still uses universal accessories of all implant systems like implant screws and sleeves.
- To prevent the entire abutment system from being discarded, Dental Technicians in the Laboratory will fabricate their own components so that they can continue to use their existing abutment system.

Our current inventory system reveals the following :

- 60 unused titanium screws valued at SAR28 88 (SAR 480 each)
- Zero manufacture supplied abutment sleeves

Aims: What will the project achieve?

Cost saving of 55% per implant.

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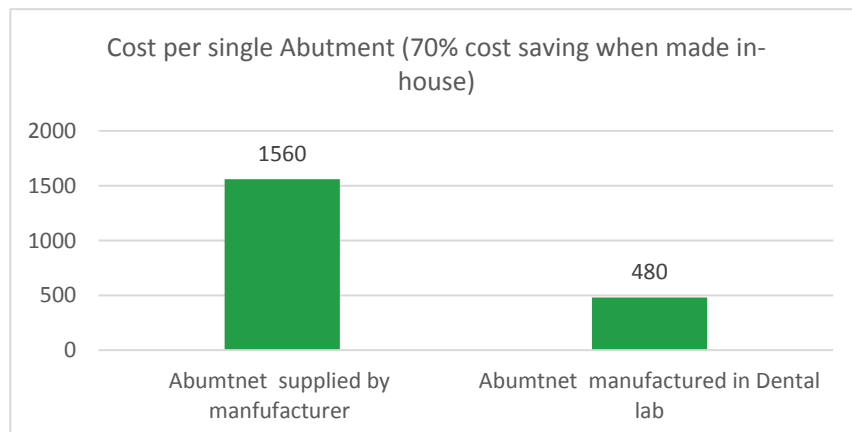
Quality Domain: Which of the domains of healthcare quality does this project support?

Efficient

Interventions: Overview of key steps/work completed

- 60 In lab manufactured abutment sleeves were made from Poly methyl Methacralate Material.
- These 60 abutment sleeves can now compliment the use of the 60 existing titanium screws we have in our inventory.
- Thus saving the dental laboratory a cost SAR 28 800

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)*

Sayed. M .I .Osman

Team Members**Names***(persons involved in project)*

Samer Dardas (QM Facilitator)

Rolando De Dios

Digno Bustamante

Lubna Al Saadi

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Abdullah Najjar

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