



Project Name

Operation Theatres (OR) Environmental Cleaning and Disinfection.

Site

Riyadh

Department

Environmental Services

Project Status

Completed

Project Start Date

02-01-2017

Project End Date

09-26-2017

Problem: Why the project was needed?

OR theaters should be terminally cleaned & disinfected every night as it is one of the infection susceptible areas. CDC classify walls & ceilings as less contact surfaces which is less likely contaminated.

The daily terminal cleaning includes walls and ceiling with the use of scrubbing and wet vacuum machine. It used to take 70 minutes for each theater which is enough to clean 5 rooms a day only.

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.

Aims: What will the project achieve?

To increase the number of ORs' daily terminal cleaning and disinfection by 20% compared to the old process and this is before the end of 2017

Quality Domain: Which of the domains of healthcare quality does this project support?
(Select only one)

Efficient

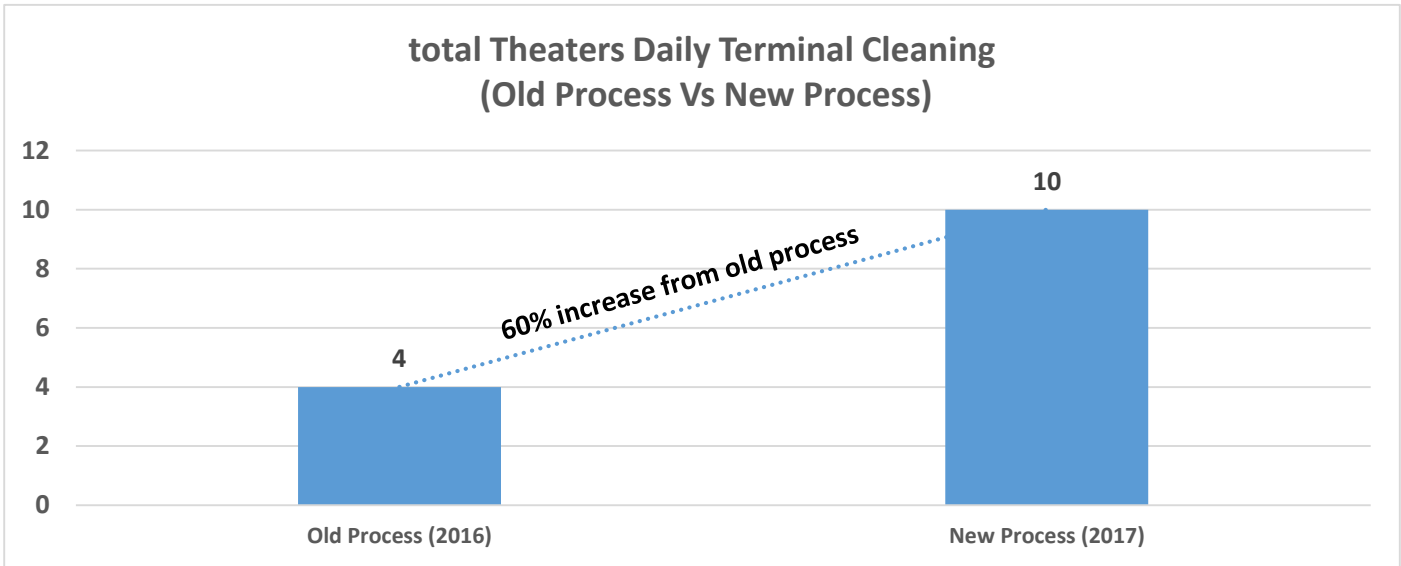
Measures: Performance metrics to be evaluated	Targets: Expected outcomes
Number of cleaned OR rooms during the day.	20% increase from previous process

Interventions: Overview of key steps/work completed

In our old practice, we used to clean & disinfect walls & ceiling in a daily basis. In this project we track walls & ceiling ATP swab result and found all result does not exceed the infection limit (50 RLU) for 12 days. Hence we saved the time for cleaning walls and ceiling to clean more theaters. With the old process we used to clean 5 theaters only as we used to include walls and ceiling in a daily terminal cleaning. With the new process, we are able to clean 12 theaters. In addition, new multifunction machine for floor cleaning & disinfecting were added to theater's cleaning process. This new machine saved time for other theaters cleaning & disinfecting.

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

The average time of the new system was 40 minutes for each theater. Minimum of 10 theaters is terminally cleaned every day.



Project Lead

Name

(person accountable for project)

Saad Alqahtani

Team Members

Names

(persons involved in project)

Ali Alzandan
 Mohammed Al Aklabi
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