2017 Performance Improvement Report

STRATEGIC PRIORITY

3. Improve efficiency and decision-making

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| **Project Name** | | | |
| Operation Theatres (OR) Environmental Cleaning and Disinfection. | | | |
| **Site** | | **Department** | |
| Riyadh | | Environmental Services | |
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| **Project Status** | **Project Start Date** | | **Project End Date** |
| Completed | 02-01-2017 | | 09-26-2017 |

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| **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. | **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 |
| **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** |

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| |  |  | | --- | --- | | **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. |

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| **Project Lead** | **Team Members** |
| **Name**  *(person accountable for project)* | **Names**  *(persons involved in project)* |
| Saad Alqahtani | Ali Alzandan |
|  | Mohammed Al Aklabi |
|  | Bijoy Sisupalan |
|  | Rustan Tinoso |
|  | Sami Khalil |
|  | Richard Figuerona |
|  | Bronson Oswa |
|  | Richard Quiaoit |
|  | Michael Lacaian |
|  | Petronilo Perez |
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