2017 Performance Improvement Report

STRATEGIC PRIORITY

1. Develop world-leading healthcare and research

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| **Project Name** | | | |
| Implementing Respiratory Care Services (RCS) VAP Bundle to Decrease VAP Rate | | | |
| **Site** | | **Department** | |
| Jeddah | | Respiratory Care Services/ ICUs | |
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| **Project Status** | **Project Start Date** | | **Project End Date** |
| Completed | 05-01-2017 | | 08-31-2017 |

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| **Problem:** Why the project was needed?  Decrease the elevated Ventilator Associated Pneumonia (VAP) rate in the Hospital, and to eliminate any potential factor of VAP, | **Aims:** What will the project achieve?  Increase the compliance of Respiratory Care VAP bundle |
| **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 | | VAP Rate | Increase VAP bundle compliance from 80% to 100% by November 30 2017 | |
| **Interventions:** Overview of key steps/work completed   * RCS VAP bundle is updated based on latest evidence of VAP causes * VAP bundle compliance is enforced through VAP bundle meetings, increasing the awareness of VAP rate in the Hospital, and senior staff follow ups and auditing * Progress is monitored Monthly |
| **Results:** Insert relevant graphs and charts to illustrate improvement pre and post project  *(insert relevant graphs, data, charts, etc.)*   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Month** | **Ventilator Pts. audited** | **VAP cases** | **Noncompliance rate** | **Compliance rate** | **% compliance** | |  |  |  |  |  |  | | March | 4 | 2 | 8 | 28 | 77% | | April | 4 | 0 | 7 | 29 | 80% | | May | 4 | 2 | 3 | 33 | 92% | | June | 4 | 1 | 2 | 34 | 94% | | July | 4 | 0 | 1 | 35 | 97% | | August | 4 | 0 | 3 | 33 | 100% | |  |  |  |  |  |  | |

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| **Project Lead** | **Team Members** |
| **Name**  *(person accountable for project)* | **Names**  *(persons involved in project)* |
| Ahmed Ahmed Mohamed | Mashni Al-Saeed  Mohamad Alhroob  Ali Hussein  Yasmin Farooq  Samir Althegfi  Jatani Boru  Margot Baquisal  Ibrahim Qoulaghasi |