2017 Performance Improvement Report

STRATEGIC PRIORITY

3. Improve efficiency and decision-making

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| **Project Name** | | | |
| Prevention of CLABSI in MICU-C | | | |
| **Site** | | **Department** | |
| Riyadh | | Critical Care Nursing-Medical Intensive Care Unit (MICU- C) | |
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| **Project Status** | **Project Start Date** | | **Project End Date** |
| Completed | 12-01-2016 | | 09-30-2017 |

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| **Problem:** Why the project was needed?  In the 3rd quarter of 2016, the Central Line-Associated Blood Stream Infection (CLABSI) rate in  Medical Intensive Care Unit C (MICU) was significantly high compared to the [National Database of Nursing Quality Indicators](http://www.nursingquality.org/) (NDNQI) benchmarking. Therefore, this project was selected to decrease CLABSI rate to meet the international benchmark for better patient safety. | **Aims:** What will the project achieve?   1. To decrease CLABSI rate 50 % from baseline (3.79) by September 2017. 2. To increase the number of PICC certified nurses in MICU-C up to 50% by September 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)*  **Safe** |

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| |  |  | | --- | --- | | **Measures:** Performance metrics to be evaluated | **Targets:** Expected outcomes | | 1. CLABSI rate in Medical Intensive Care Unit 2. Number of PICC certified nurses on the MICU-C | 1. Decrease at least 50% from baseline 2. Increase by 50% | |
| **Interventions:** Overview of key steps/work completed   * Peer auditing of Central line dressing and collection of Samples. * Daily and weekly auditing of all Central line by the CLABSI taskforce members. * Conducting RCA for Unit attributed CLABSI. * Providing in-service activities. * PICC line dressing change training for all staff. |
| **Results:** Insert relevant graphs and charts to illustrate improvement pre and post project  *(insert relevant graphs, data, charts, etc.)*  **CLABSI rate decreased by 54% exceeding target of 50%** |

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| **Project Lead** | **Team Members** |
| **Name**  *(person accountable for project)* | **Names**  *(persons involved in project)* |
| Mahmoud Ibrahim Mini Joseph | Molly Kalamparamban  Reggie Aquino  Rose Comia  Deepthy Nair  Celine Tapia |