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.
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| **Benefits/Impact:** What is the improvement outcome?*(check all that apply)*[ ]  Contained or reduced costs[ ]  Improved productivity[x]  Improved work process[ ]  Improved cycle time[x]  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%
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| **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.
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| **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 IbrahimMini Joseph | Molly KalamparambanReggie AquinoRose ComiaDeepthy NairCeline Tapia |