2017 Performance Improvement Report

STRATEGIC PRIORITY

3. Improve efficiency and decision-making

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| **Project Name** | | | |
| Central Line Securement Device | | | |
| **Site** | | **Department** | |
| Riyadh | | Pediatric Nursing | |
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| **Project Status** | **Project Start Date** | | **Project End Date** |
| Completed | 02-01-2017 | | 09-30-2017 |

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| **Problem:** Why the project was needed?  In the las year, it was noticed that there was a significant increase in incidents of accidental line removal and CLABSI infection rate in pediatric oncology. Therefore, this project was selected to decrease the incidence of accidental line removal and to decrease CLABSI rate | **Aims:** What will the project achieve?  To decrease CLABSI rate & number of reported SRS related to accidental removal, infiltration and self-line removal by 10% from baseline 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 infection rate (%) 2. Number of reported SRS related to accidental removal, infiltration and self-removal (%) | 1. 10% 2. 10% | |
| **Interventions:** Overview of key steps/work completed   * Introduction of a new securement device specific for central line and trial utilization. * Modifying and standardizing the current process of securing central line in pediatrics. * Evaluate the product utilizing a standardize tool. * Update the current central line maintenance bundle. |
| **Results:** Insert relevant graphs and charts to illustrate improvement pre and post project  *(insert relevant graphs, data, charts, etc.)*  **Comparing Number of Pediatric Invasive (Lines, Drain and Tubes) Incidents Before & After PI Project**  **Number of SRS decrease by > 10%**  **After the project**  **Comparing Number of Pediatric CLABSI Infection Rate Before & After PI Project**  **Number of CLABSI Rate decrease by > 10%**  **After the project**  **Before** **the project** |

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| **Project Lead** | **Team Members** |
| **Name**  *(person accountable for project)* | **Names**  *(persons involved in project)* |
| Sheena Ewing Nerissa Barcelon | Nisreen Alghossaini |