



Project Name

Prevention of CLABSI in MICU-C

Site

Riyadh

Department

Critical Care Nursing-Medical Intensive Care Unit (MICU- C)

Project Status

Completed

Project Start Date

12-01-2016

Project End Date

09-30-2017

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 (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

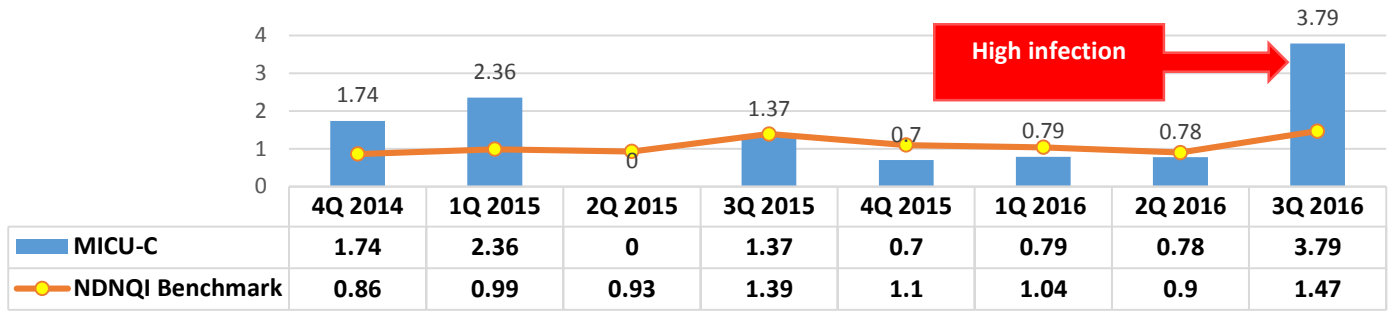
Measures: Performance metrics to be evaluated	Targets: Expected outcomes
<ol style="list-style-type: none"> 1. CLABSI rate in Medical Intensive Care Unit 2. Number of PICC certified nurses on the MICU-C 	<ol style="list-style-type: none"> 1. Decrease at least 50% from baseline 2. Increase by 50%

Interventions: Overview of key steps/work completed

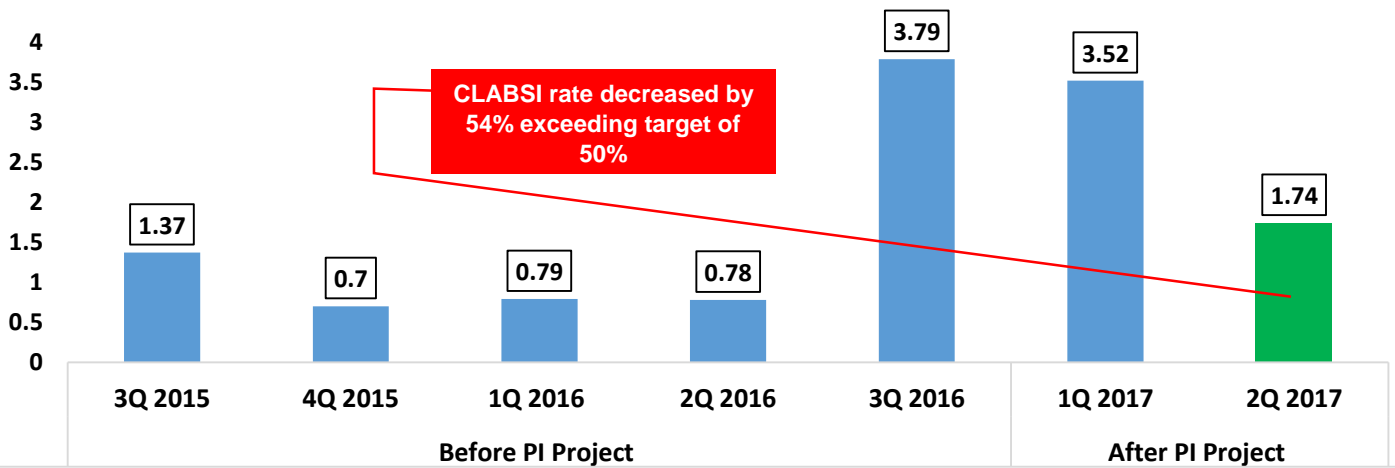
- Peer auditing of Central line dressing and collection of Samples.
- Daily and weekly auditing of all Central line by the CLABSI taskforce members.
- Conducting RCA for Unit attributed CLABSI.
- Providing in-service activities.
- PICC line dressing change training for all staff.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project
 (insert relevant graphs, data, charts, etc.)

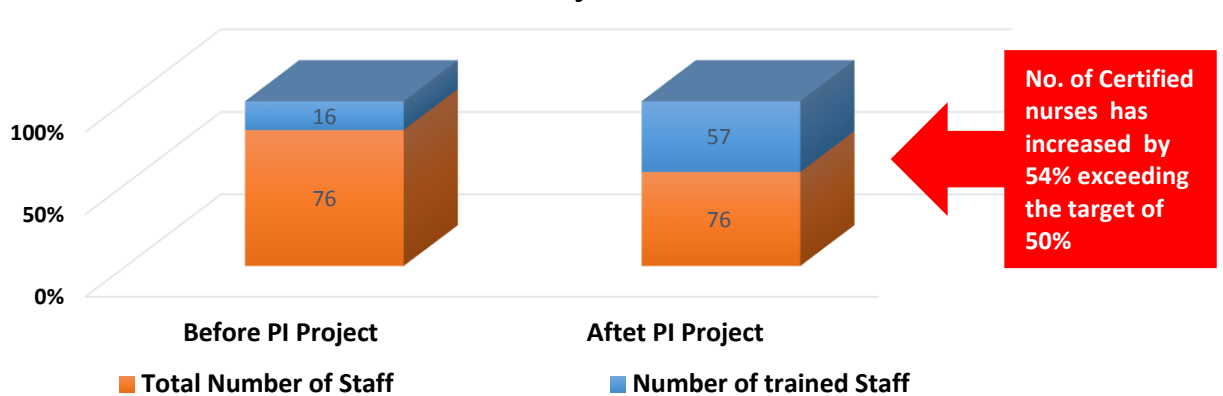
Central Line Associated Blood Stream Rate Compared with NDNQI Per 1000 Central Line Days



Comparing CLABSI infectin Rate in MICU-C Before & After PI Project



Comparing the Number of PICC Certified Nurses In MICU-C Before & After PI Project



Project Lead

Name

(person accountable for project)

Mahmoud Ibrahim
 Mini Joseph

Team Members

Names

(persons involved in project)

Molly Kalamparamban
 Reggie Aquino
 Rose Comia
 Deepthy Nair
 Celine Tapia