



Project Name

Reduction of Central line associated blood stream infection (CLABSI) in PICU at National healthcare safety network benchmark

Site

Jeddah

Department

Pediatric Intensive Care Unit

Project Status

Completed

Project Start Date

03-13-2018

Project End Date

08-15-2018

Problem:

 Why the project was needed?

PICU had 2 CLABSI in December 2017 and January 2018 which increased our infection rate to 13.7/1000 device days while the NHSN benchmark is 1.2/1000 device days.

Benefits/Impact:

 What is the improvement outcome?

- Contained or reduced costs
- Improved productivity
- Improved work process
- Improved cycle time
- Increased customer satisfaction
- Other (please explain)
Zero harm.

Aims:

 What will the project achieve?

Decrease CLABSI rate in PICU from 13.7 to Zero by December 2018

Quality Domain:

 Which of the domains of healthcare quality does this project support?

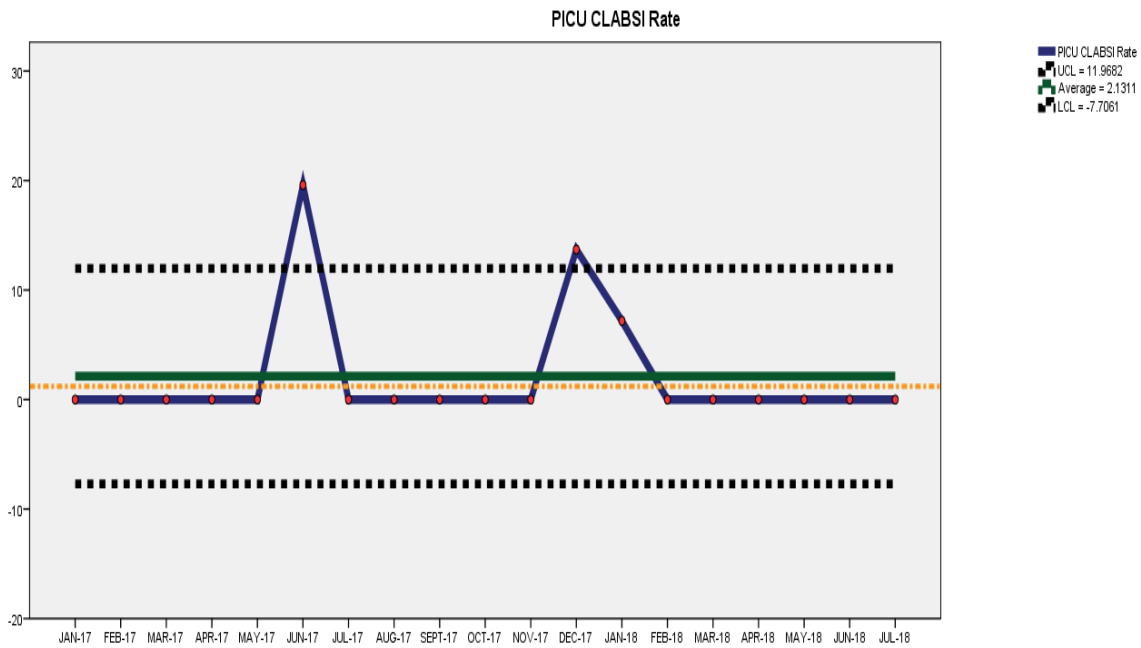
Safe

Interventions:

 Overview of key steps/work completed

- Daily audits by the PI project team members in,
 - Hand washing,
 - Central line maintenance and management
 - During insertion.
- * Staff education quarterly about the practice in handling of Central line based on Audit result
- * Daily inspection of the necessity of the Central line during physician rounds
- * CVC skills review and privilege updates
- * Implemented new Supply checklist in patient's room to avoid contamination through excess Supplies in patient's room which will cause cross contamination between patients.
- * Pamphlet formulated to emphasize Patient family education.
- * Early identification signs and symptoms for internal and external transferred patients to PICU and Immediate action being taken.
- * Assigned extra members in purchase request team to ensure enough supplies.

Results:



Project Lead

Name

Haia Al Dosary

Team Members

Names

Samir Abu Heija
Smitha Thomas
Fe ann Ferrer
Malak Al nakhli
Ligi Thomas
Shylaja Saradamma
Sherehan
Taha Hariri RT
Ranya Komsani
Wilma
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