

2018 Performance Improvement Report STRATEGIC PRIORITY I

Medical Research and Academic excellence

Project Name

Prevention Strategies to Achieve Zero-Harm in Catheter Associated Bloodstream Infection (CLABSI) based on evidence based practice, in a Renal Transplant Unit.

Site Department

Jeddah Renal Transplant Unit

Project Status	Project Start Date	Project End Date
Completed	03-03-2018	07-03-2018

Problem: Why the project was needed?

Opportunity of improvement found through the infection control report that RTU acquired two CLBSI infections.

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?

To achieve ZERO – harm in CLABSI for adult renal transplant patients by November 2018

Quality Domain: Which of the domains of healthcare quality does this project support?

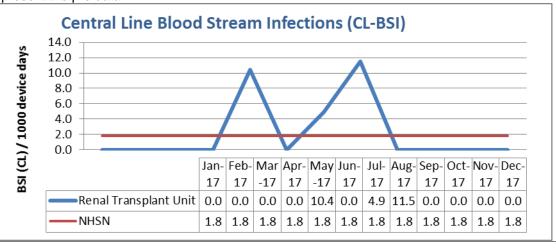
Safe

Interventions: Overview of key steps/work completed

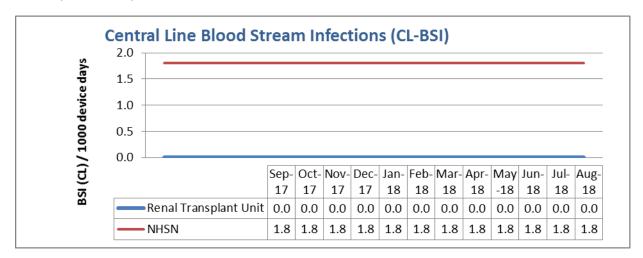
- Staff awareness of the meaning of "Zero Harm" concept.
- Ask advice from expert staff in the same filed and the department achieved zero CLABSI for more than one year.
- Hand Hygiene privileges for all the staff has been performed
- In-services and clinical education about "Zero harm" focusing on the aseptic technique practice, central line bundle compline, were conducted in the unit with collaboration from infection control and NDS
- CVC skills review and privileges updates performed by Nurse Clinician, and nursing coordinator.
- Daily audit for every case with central line or even peripheral line reviewing line necessity by NC, team members / charge nurses during night shift.
- Weekly monitoring by infection control and NDS coordinator.
- Implement the body system during CVC dressing change.
- Create special kit for CVC dressing.
- Share the result of quarter report from infection control with the transplant team.

Results:

Graph 1, that represent the pre data:



Graph 2, that represent the post data:



Project Lead	Team Members
Name	Names
Amany Moustafa,	Alanood Abdulfattah Shereefah Mossairy Ayman Al Dawdiah Doris Taylor Jenelyn Fernandez Krishnaveni Ramachandran Juby Johny Jean Velasco Revathy Mohanan Norja Saharudin Nora Flores Rosemarie Lawrence Radwan Daghmush