



Project Name

Towards Zero VAP in MSICU

Site

Jeddah

Department

Medical – Surgical Intensive Care Unit (MSICU)

Project Status

Completed

Project Start Date

03-13-2018

Project End Date

10-16-2018

Problem: Why the project was needed?

The National Health Care Safety Network (NHSN) January to December 2017 VAP benchmark was 1.6 and MSICU was at 0.78 with a total of 4 reported cases of Ventilator Associated Pneumonia Infections.

Aims: What will the project achieve?

To maintain the Ventilator Associated Pneumonia (VAP) rate to be below the National Health Care Safety Network (NHSN) benchmark in MSICU with ultimate target rate of ZERO VAP incident by November 2018.

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.

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

Safe

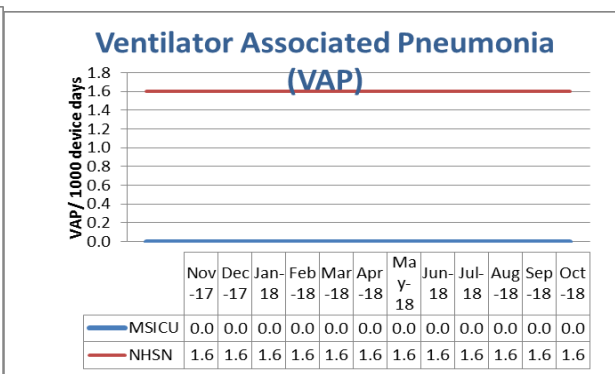
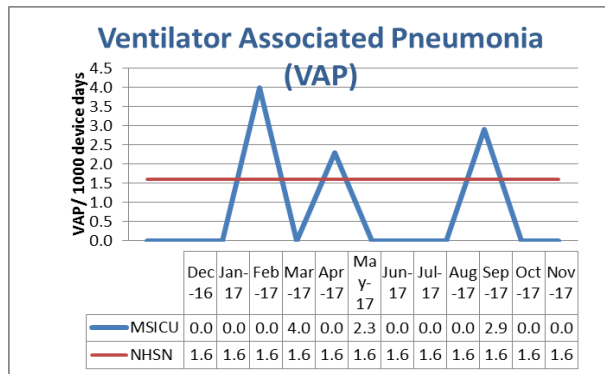
Interventions: Overview of key steps/work completed

- Formation of VAP Performance Improvement Project multidisciplinary group with members composed of nurses and respiratory therapist with direct patient care. Infection Control Coordinators, Nurse Clinicians, Managerial Staffs and MSICU physicians were also involved in the project.
- Regular Periodic Meetings has been established and conducted for updates and follow ups.
- Evidence-Based Research article review about VAP Prevention has been distributed and discussed among members during meetings.
- VAP Prevention Board with daily updates of Zero VAP infection days has been posted in the MSICU hallway
- Formulation of VAP Driver Change and VAP Bundle form in collaboration with Infection Control Coordinator.
- Dissemination of information and daily audit regarding proper practice and documentation among Staff Nurses about the newly formulated VAP Prevention Bundle form and Mouth Care Assessment form.
- Initiation with the use of ETT and Tracheostomy Tube with Subglottic suction in coordination with the Respiratory Therapy department.
- As of 16- October-2018, MSICU have 381 days of Zero VAP infection

Results:

December 2016 – November 2017

November 2017 – October 2018



Project Lead**Name**

Ma. Editha Cuares
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Team Members**Names**

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