



Strategic Priority: **SPI- Medical, Research, Academic Research**

Project Name

Decrease Length of Stay (LOS) of Epilepsy Monitoring Unit (EMU) Patients

Site

Riyadh

Department

C1 Neuroscience

Project Status

Completed

Project Start Date

01-01-2018

Project End Date

12-31-2018

Problem: *Why the project was needed?*

C1 Epilepsy Monitoring Unit would like to optimize bed utilization to increase patient access to EMU care by reducing patient Length of Stay (LOS).

Aims: *What will the project achieve?*

Decrease LOS of EMU patients to be less than 10 days by the end of 2018 and to sustain it through out.

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

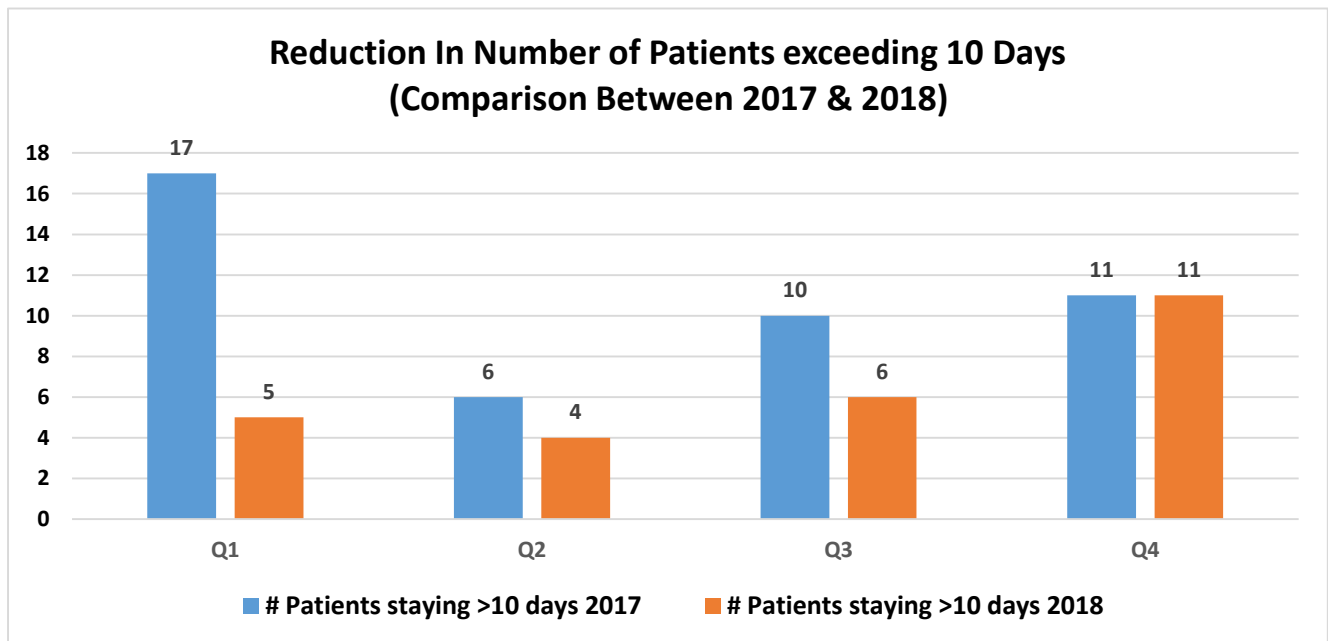
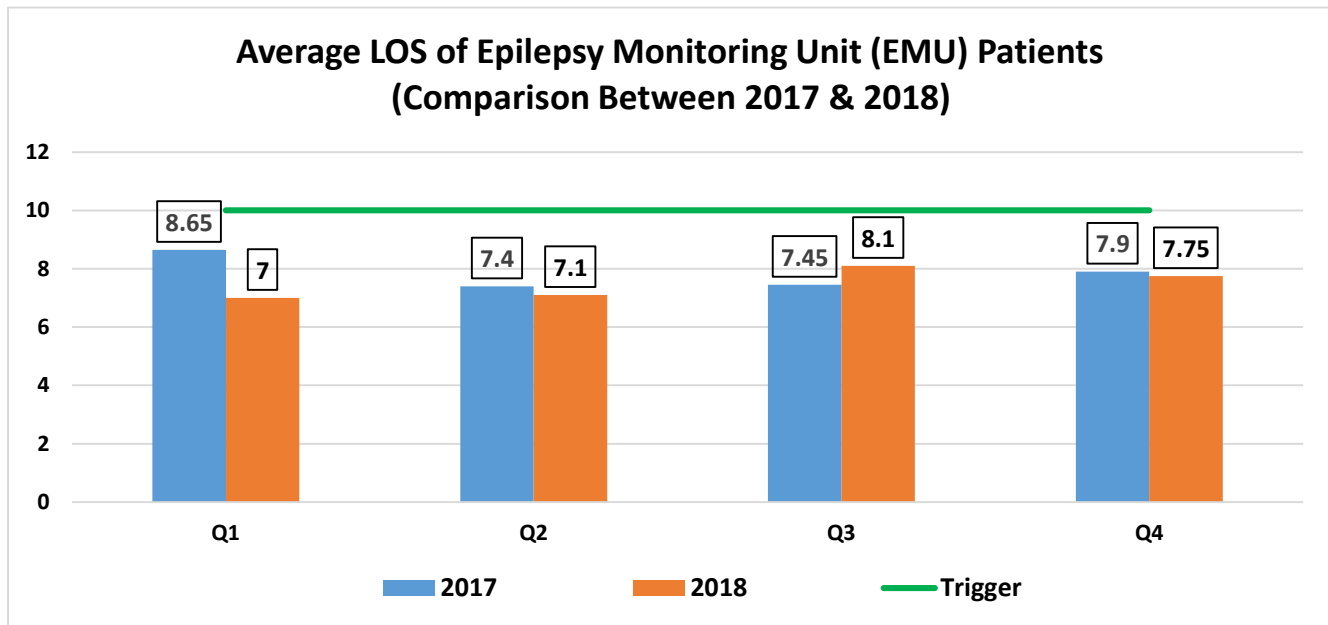
Quality Domain: Which of the domains of healthcare quality does this project support?
(Select only one)

Efficient

Measures: Performance metrics to be evaluated	Targets: Expected outcomes
LOS	Not to exceed 10 days

Interventions: *Overview of key steps/work completed*

- Develop an evidence based clinical pathway for EMU patients
- Instruct physicians to initiate the EMU care set orders from day of admission (included in the pathway).
- Create an EMU checklist to be initiated by EMU nurses on admission.
- Encourage physicians to do the pre-admission work-up during patients' visit in the clinic
- Encourage team Daily round @0800 before morning medication dose to start tapering anti epileptic medications
- Encourage team Daily review of the patient VEEG to early determine numbers of seizures captured.
- Apply the order of daily hyperventilation & photic stimulation to be done by EMU technologist unless contraindicated.
- Encourage nurses to do sleep deprive for EMU patient during monitoring to stimulate seizure.
- Minimize time of hygiene break to be around 1 hour to prevent not recorded seizures attacks.



Project Lead

Name

Amal Abujaber – EMU CNC

Team Members

Names

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