



Project Name

Improve Handling Process of Cardiology Non-invasive Laboratory Transesophageal Echocardiography (TEE) probes.

Site

Jeddah

Department

CARDIOLOGY NON-INVASIVE LABORATORY

Project Status

Completed

Project Start Date

05-01-2018

Project End Date

09-30-2018

Problem: Why the project was needed?

TEE probes that are sent outside the department were not properly tracked and monitored resulting to equipment damage. Some of the probes were not in the department for more than 24 hours and some probes were left outside the department over the weekend of May 2018.

Aims: What will the project achieve?

Decrease the number of damaged/ missing probes from 3 reported incidents to 0 by the end of September 2018.

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?

Efficient

Interventions: Overview of key steps/work completed

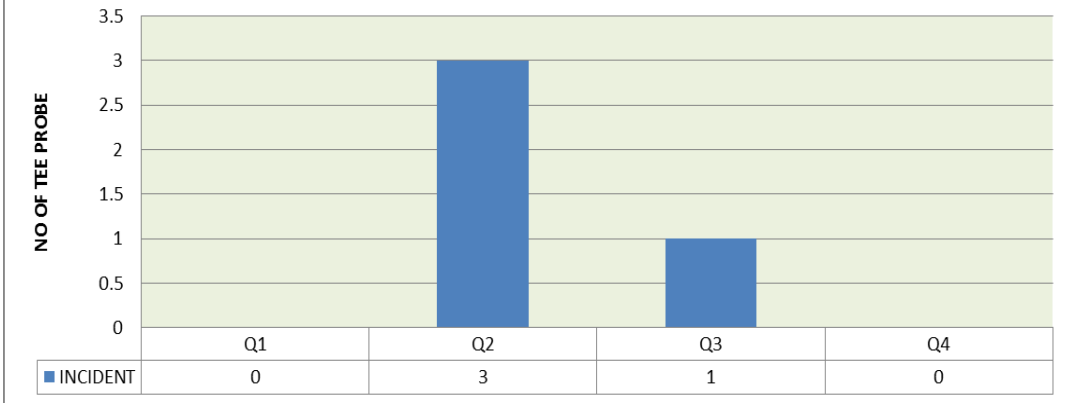
- TEE flowchart was modified.
- TEE Technician will be assigned on a weekly basis. He/she oversees the TEE workflow, from preparation of equipment prior to procedure to the requesting department and equipment pick-up and inspection every after procedure. Probes are thoroughly checked for any breakage every after procedure before sending to CSSD for disinfection. After disinfection physical inspection will be done as well.
- TEE Tracking and monitoring form is used and filled by the TEE Technician for every TEE procedure done outside the department in addition to the endorsement form.
- A monitoring board was created to track the TEE probes on a daily basis. It includes the tag number of the probe and its location (Cath Lab, OR, CSSD or within the department). In doing so, the Technician gain more visibility of the department's equipment.
- 5. Any incident in mishandling of TEE probes is documented in QIS.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project

(insert relevant graphs, data, charts, etc.)

PROJECT MEASURABLE INDICATOR	DATA BEFORE	DATA AFTER	% DIFFERENCE
Number of TEE Reported Incident	May 2018 3	September 2018 1	66%

TEE REPORTED INCIDENT



Project Lead

Name

(person accountable for project)

Emma Concepcion dela Vega

Team Members

Names

(persons involved in project)

- Nour Al-Attas (QM Facilitator)
- Shaian Shesha
- Saud Alghamdi
- Ruby Negrillo
- Frances Soriano
- Fayzah Khattab
- Edgardo Umandal
- Mansoor Al-hazmi