مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
Gen. Org. مؤسسة عامة

Strategic Priority: SP4- Community Affairs

Project Name
Discharge Back to Referral Centers With Comprehensive Management Plan for Patients with Non-Malignant Blood Disorders (NMBDs)

Site	Department
Riyadh	Pediatric Hematology / Oncology

Project Status	Project Start Date	Project End Date
Completed	01-01-2018	12-31-2018

Problem: Why the project was needed?

One of the departmental objectives set by MCA, is to increase discharge of patients from pediatric hematology services by 10% in order to increase acceptance of tertiary care patients with Non-Malignant Blood Disorders indicative of Bone Marrow Transplants, which is a unique sub-specialized program available in the Kingdom that supports the institutional Transformation drive.

Aims: What will the project achieve?

To increase discharge of patients with Non- Malignant Blood Disorders from pediatric hematology clinics from a baseline of 50% to 60% by December 31st ,2018 and to sustain the same practice for another 6 months

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?
*(Select only one)*
Efficient

Measures: Performance metrics to be evaluated	Targets: Expected outcomes
Percentage of patients discharged from Pediatric Hematology Clinics.	60%.

Interventions: Overview of key steps/work completed

- Develop a web-based patient management system for Non-Malignant Blood Disorders on Research Electronic Data Capture System (REDCap) to identify patients eligible for discharge form the Pediatric Hematology clinics through an automated process enabled by the system.
- Create Patients' list catalogued as "**Above 14 years of age**" and "**Tertiary care service not required**" which formed the primary reason/filter to discharge patients from the service
- Develop treatment / Care guidelines for potential discharges back to the referral center with comprehensive treatment and / or management plans.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project
(insert relevant graphs, data, charts, etc.)

Total Number of patients discharged from Pediatric Hematology Clinics Befor & After PI Project
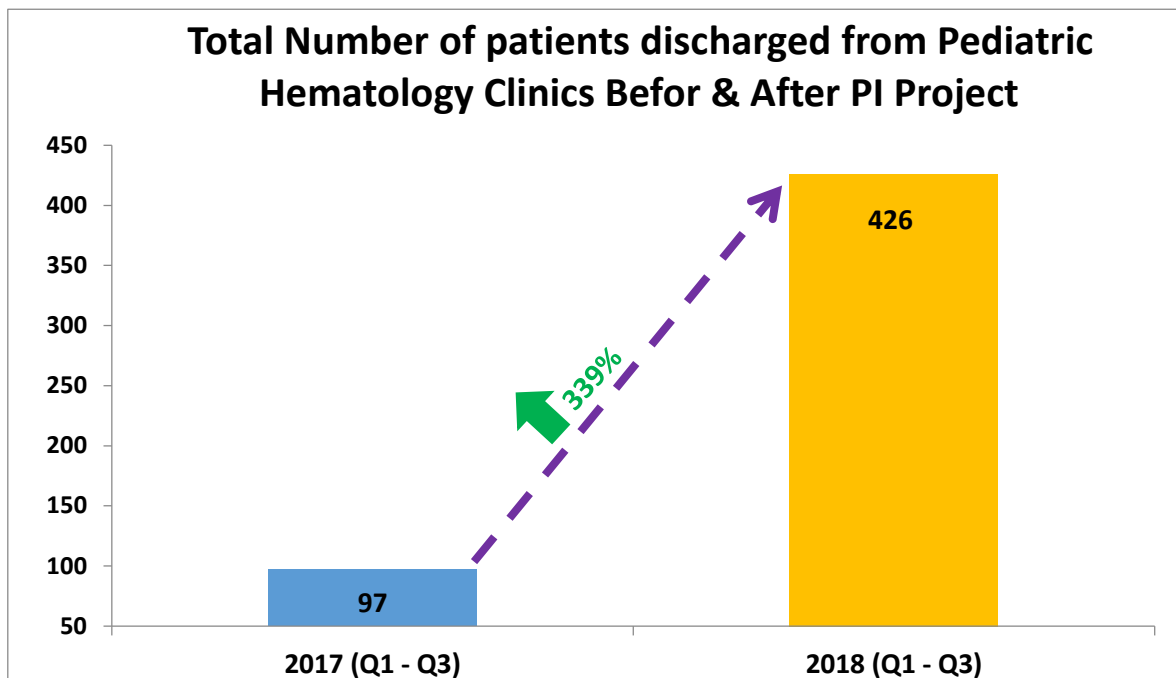
- ➢ **An increase of 339%** was observed when the first three quarters of 2017 were compared to that of 2018.
  Further, analysis is underway to study the project's impact on the following indicators:
  1) Hospital Metrics- LOS, First available slots etc.
  2) Financial indicators-Cost saving through the discharge of patients.

Project Lead	Team Members
Name	**Names**
(person accountable for project)	*(persons involved in project)*
Mahasen AlSaleh, MD	Viqaruddin Mohammed Khaja, MSc, CCRP
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