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

Strategic Priority: SP3- Organizational Sustainability

Project Name
Cost reduction of MRI supplies

Site	Department
Riyadh	Radiology - MRI

Project Status	Project Start Date	Project End Date
Completed	01-01-2018	10-30-2018

Problem: Why the project was needed?
There are 3 scattered storage rooms in MRI section and each storage room are not properly monitored resulting in over ordering of stocks. To be in line with the hospital cost reduction campaign, Department of Radiology initiated this project to reduce the cost used for MRI supplies and improve supply inventory.

Aims: What will the project achieve?
To decrease cost used for MRI supplies by 15% from baseline cost of SR 617,770 to SR 520,000 by the end of October 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?
(Select only one)
Efficient

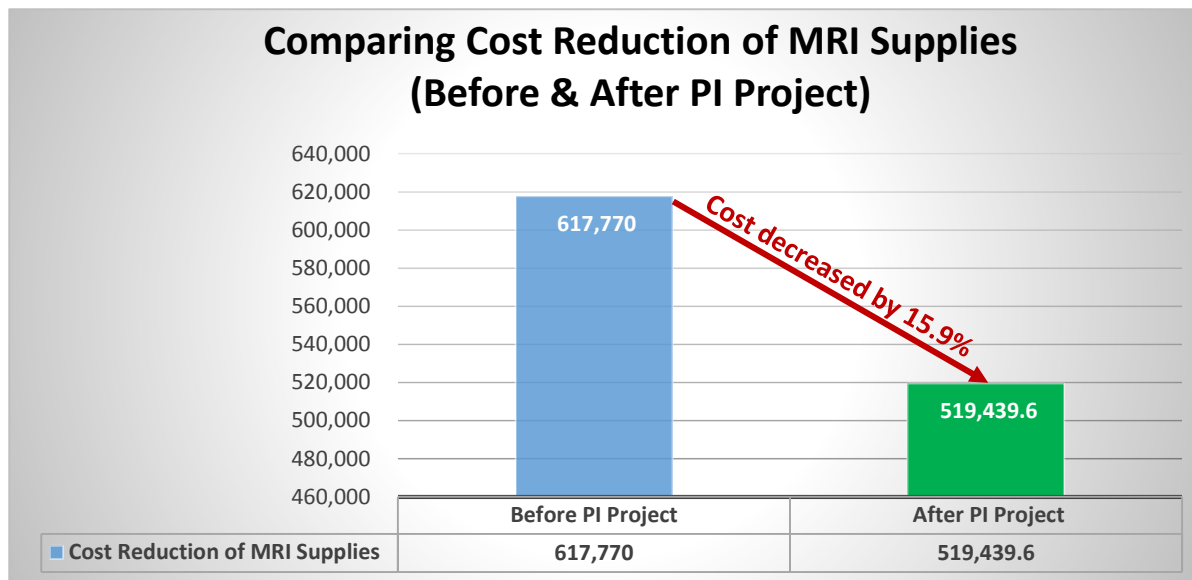| Measures: Performance metrics to be evaluated	Targets: Expected outcomes
Cost used for MRI supplies	15% decrease from baseline

Interventions: Overview of key steps/work completed
- Make an inventory for all the supplies to identify available stocks.
- Create a Master list of all the items.
- Monitor stocks on a weekly basis by 2 responsible staff.
- Create a scheduled day in ordering supplies basing from the missing items.
- Centralize the storage room (from 3 storage room to 1 storage room).

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

Comparing Cost Reduction of MRI Supplies (Before & After PI Project)

	Before PI Project	After PI Project
■ Cost Reduction of MRI Supplies	617,770	519,439.6

Chart data: Before PI Project = 617,770; After PI Project = 519,439.6. Cost decreased by 15.9%

Project Lead	Team Members
Name	**Names**
(person accountable for project)	*(persons involved in project)*
Salman Alalmanei, Sr. MRI Technologist	Fahad Onaizan, Sr. MRI Technologist
	Ghada Gharawi, Sr. MRI Technologist
	Ahmad Binmahfood, MRI Technologist