



Project Name

Skin integrity maintenance and pressure injury prevention

Site

Riyadh

Department

Nursing Affairs

Project Status

Completed

Project Start Date

05-01-2014

Project End Date

04-30-2016

Problem: Why the project was needed?

Pressure ulcers cause considerable harm to patients like: hindering functional recovery, causing frequent pain and development of serious infections. Additionally, Pressure ulcers have been associated with an extended length of stay, sepsis and mortality. Since KFSHRC is a Magnet recognized Hospital, we benchmarked nursing sensitive indicators with National Database of Nursing Quality Indicators (NDNQI). Based on NDNQI data, KFSHRC pressure injury data did not meet the NDNQI benchmark. Therefore, this project was selected to improve clinical outcomes and setting standards for medical care.

Aims: What will the project achieve?

1. To prevent Hospital and Unit Acquired Pressure Ulcers & maintain skin integrity aiming for elimination of all types of skin breakdown within the patients' hospital stay.
2. To reduce Hospital and unit Acquired Pressure Ulcer incidence rate & skin integrity incidence rate below the Mean of NDNQI by 2Q 2016

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)
Safe

Measures: Performance metrics to be evaluated	Targets: Expected outcomes
Hospital Acquired Pressure Ulcer Injuries Rate	Less than NDNQI Mean

Interventions: Overview of key steps/work completed

- Identifying structure and process gaps which is required for improvement.
- Development of Pressure Ulcer and skin breakdown prevention Standards of Care according to the new Guidelines (NPUAP & EPUAP 2014).
- New ICIS documentation was built.
- Initiation of new Risk Tool (Glamorgan Pressure Injury Risk Assessment Tool for patients from birth to 18 years)
- A mandatory NDNQI Pressure Injury Training posted on the NDNQI Homepage (annually).
- A mandatory Skin integrity maintenance and pressure Injury prevention workshop.
- New educational path (NDNQI, GNO, Wound Workshop).
- New supply & Products recommendations.
- New Other Pressure Injury classification.
- New changes in Safety Reporting System incidents' details.

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

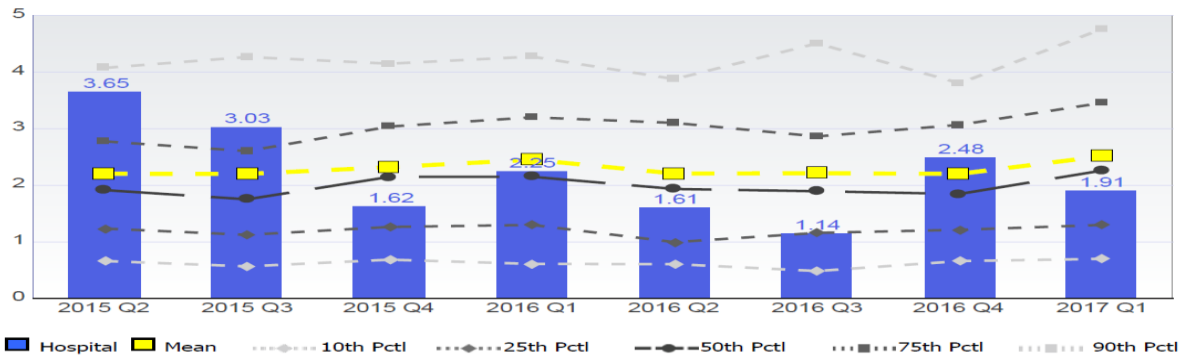


King Faisal Specialist Hospital and Research Center

Compared by: Bed Size

Peer Group: Bed Size >= 500

Measure: Percent of Surveyed Patients with Hospital Acquired Pressure Injuries



Metrics	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4	2017 Q1	Average
Hospital-Unadjusted Measure	3.65	3.03	1.62	2.25	1.61	1.14	2.48	1.91	2.21
Mean	2.20	2.20	2.32	2.45	2.21	2.21	2.20	2.51	2.29
Standard Deviation	1.48	1.77	1.58	1.70	1.58	1.47	1.55	1.62	1.59
10th Percentile	0.66	0.57	0.68	0.61	0.61	0.48	0.66	0.70	0.62
25th Percentile	1.23	1.12	1.26	1.30	0.99	1.16	1.21	1.30	1.20
50th Percentile (Median)	1.91	1.75	2.15	2.15	1.93	1.89	1.85	2.26	1.99
75th Percentile	2.77	2.60	3.04	3.20	3.10	2.86	3.07	3.46	3.01
90th Percentile	4.07	4.27	4.15	4.27	3.87	4.51	3.80	4.76	4.21
# Hospitals	109	111	111	115	112	112	113	115	112.25

Project Lead

Name

(person accountable for project)

Mohammed Al hawari

Team Members

Names

(persons involved in project)

- Eyad Bashtawi
- Azza Ahmad
- Angelina Fernandez
- Marinha Macedo
- Husam Mahmoud
- Dani Halabi
- Neameh Abbas Deeb
- Emara, Sania Abdul Fatah
- Mohamed, Nada Farouk
- Rhona Tahar
- Claramma Kuriackose
- Wan Mustapha
- Margo Byrne
- Norhayati Binti
- Devaki Suppiah
- Verastigue, Sara May
- Cecille Valencia
- Shyla Mathew
- Khoo Christina
- Ahlam Hadad
- Ashraf Rababah
- Dianna Aker
- Dima Zein
- Sofia Maccedo
- Khalid S.
- Helen Arputhan
- Marianne Figveroa