



SE7EO – Teaching and Role Development

SE7EO: Provide one example, with supporting evidence, of an improved patient outcome associated with knowledge gained from a nurse's or nurses' participation in a professional development activity.

- *Patient outcome data must be submitted in a form of a graph with a data table.*

Example SE7EO: Reducing Hospital Acquired Pressure Injuries stage 2 and Above Associated with Nurse's Participation in Professional Development Activities

Problem

At KFSHRC-J, Hospital Acquired Pressure Injuries (HAPI) stage 2 and above is one of Nursing Affairs' key performance indicators (KPIs). Preventing HAPIs supports the patient safety strategic objectives for the internal trigger (0.50/per 1,000 patient days). The unit HAPI rate on the 5S-Medical unit was not meeting the Zero Harm goal. The 5S-Medical unit patient population includes patients that are bedridden, diagnosed with obesity, the elderly, and those with chronic long-term medical conditions. These patients are at high risk of developing HAPI stage 2 and above due to their comorbidities and immobility.

The 5S-Medical unit HAPI stage 2 and above rate for the first quarter of 2019, was 0.5 per 1,000 patient days.

Goal Statement

Reduce the rate of HAPI stage 2 and above per 1,000 patient days on 5S-Medical unit at KFSHRC-J.

Participants

Participants who collaborated to improve the HAPI rate in the 5S-Medical unit are listed in Table SE7EO.1 below.

Table SE7EO.1: 5S-Medical HAPI Taskforce and Unit Council Members

Name & Credentials	Job Title/ Position	Department
Amani Alsayed, BSN RN	Nurse Clinician, Leader	5S-Medical
Siti Mokhtar, Dip.N RN	Staff Nurse (SN) 1, Clinical Nurse, Chair UC	5S-Medical

Smitha Thomas, Dip.N RN	SN1, Clinical Nurse, Co-Chair UC	5S-Medical
Sumini Mathew, Dip.N RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Subi Abraham, Dip.N RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Evelyn Naidoo, Dip.N RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Eithar Akhon, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Michelle Mendoza, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Ruby Ignacio, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Annabelle Na-Oy, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Asmaa Somali, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Charlies Barotillia, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Fatimah Yunos, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Ghaida Alsenani, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Paz Fernandez, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Lorie Arenite, BSN RN	SN1, Clinical Nurse, HAPI Taskforce Member	5S-Medical
Cecilia Rapada	SN3, HAPI Taskforce Member	5S-Medical
Ruaa Banjar	SN3, HAPI Taskforce Member	5S-Medical
Alanoud Abualsoud, MSN RN	Former Head Nurse, Facilitator	5S-Medical
Ruth Kommu, BSN RN, MSc	Senior Clinical Specialist, Wound Care Specialist, HAPI Taskforce Facilitator	Nursing Affairs

Description of the Intervention

Amani Alsyed, BSN RN, Nurse Clinician, 5S-Medical unit, enrolled in the Wound Ostomy Contenance Champion (WOCC) Program from April 2019 to October 2019. As a WOCC, Amani wanted to:

- Enhance staff nurses' management of basic wounds and HAPI on 5S-Medical unit.
- Address the gap identified in staff nurses' knowledge and skills related to HAPI prevention, skin assessment, maintaining skin integrity, and wound management.
- Act as a liaison in communication between the wound care specialist and staff nurses.
- Disseminate updates of HAPI/wound-related clinical practices within the unit.
- Ensure the team's compliance with skin integrity and the HAPI prevention bundle.

HAPI Taskforce Created Reporting to the Unit Council (UC)

Amani encouraged the UC members to create a HAPI Taskforce reporting to the UC in the second quarter of 2019. The HAPI Taskforce shared challenges related to wound, PI assessment, and management at the monthly UC meeting.

HAPI Taskforce: Assesses the Learning Needs and Providing Resources, Q2 and Q3 of 2019

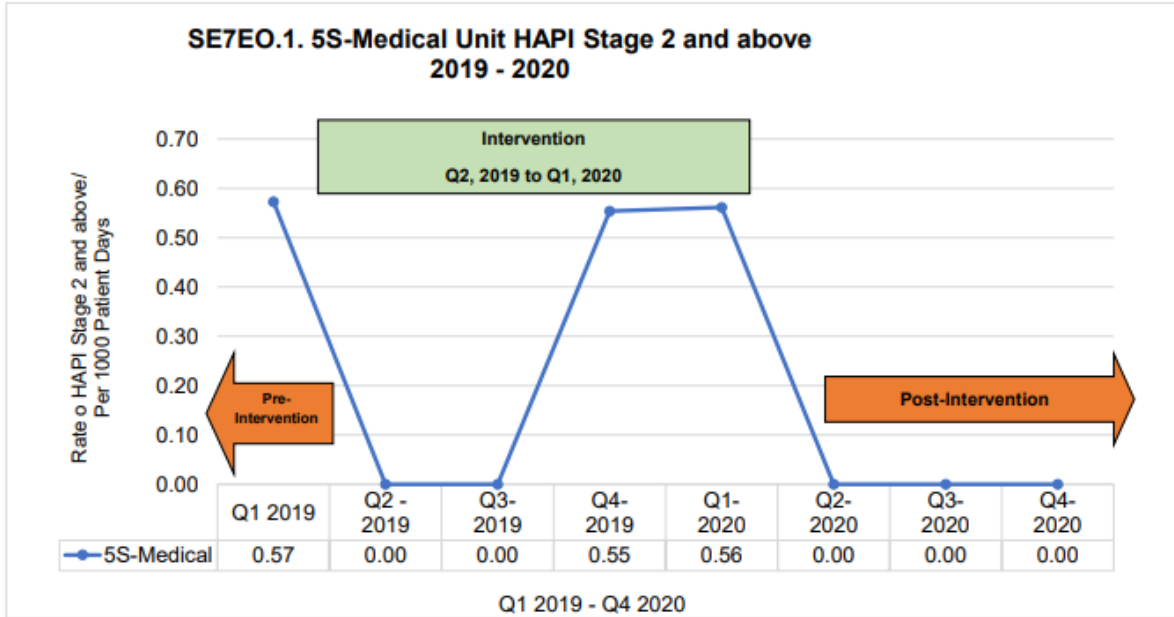
The HAPI Taskforce members worked collaboratively with Amani and the rest of the team to assess PI staging, select appropriate dressings, and educate the unit staff. Taskforce members ensured the availability and accessibility of all HAPI and WOCC educational materials to improve the unit staff's knowledge and keep them updated on the new evidence.

Professional Development Activities: Q4, 2019 to Q1, 2020

- Samaher Alamoudi, Clinical Dietitian, provided annual refresher sessions on the unit. During these sessions, the team discussed the correct referral process to the dietitian and their role in supporting HAPI prevention initiatives.
- Amani, as Nurse Clinician and WOCC, and two SN1s from the Taskforce provided education to the unit staff nurses regarding PI prevention, skin assessment, maintaining skin integrity, and wound management.
- Wound champions completed weekly rounds to target high-risk patients and patients with existing pressure injuries. Education on appropriate wound care referrals was conducted.
- Amani and team members provided the education on using "*Developing Pressure Injury Evaluation Pathway*," which uses an algorithm to guide nurses on the interventions from time of admission and after the skin assessment. Two separate algorithms were developed depending on whether the patient was admitted with or without a pressure injury.

Outcome

The HAPI results of the 5S-Medical Unit in Q2-Q4, 2020 demonstrated improvement in HAPI stage 2 and above, as seen in Graph SE7EO.1 below.



Graph SE7EO.1: 5S-Medical HAPI Stage 2 and Above