



EP4EO – Care Delivery System(s)

EP4EO: Provide one example, with supporting evidence, of an improvement in a patient outcome associated with one (internal or external) expert or multiple (internal or external) experts' recommended change in nursing practice. Patient outcome data must be submitted in the form of a graph and a table.

Example: Improving Hospital Acquired Pressure Injuries Stage 2 and Above with the Collaborative Assistance of an External Expert from The Molnlycke® Company

Problem

Ruth Kommu, BSN RN, MSc, Senior Clinical Wound Care Specialist, reviewed Hospital Acquired Pressure Injuries (HAPI) data with the Gabrielle Hutchens, MAppMgt (Nurse) RN, CPHIMS, CPHQ, CSSGB, Nursing Practice and Research department, as part of an ongoing collaboration, to track and improve HAPI results. In March 2019, they identified a problem of increasing HAPI Stage 2 and above with a rate of 0.4/1000 patient days recorded for February 2019 as per the hospital-wide Performance Scorecard Key Performance Indicators.

Goal Statement

Decrease the rate of HAPI Stage 2 and above for inpatient services at KFSHRC-J.

Participants

Table EP4EO.1 below presents the participants in the HAPI interventions.

Table EP4EO.1: Participants in the HAPI Interventions with the Consultants

Name & Credentials	Job Title	Department
Ruth Kommu, BSN RN, MSc	Senior Clinical Specialist Wound care Specialist Team Leader	Nursing Affairs
Hazem Al-Dabbas, BSN RN, MSc	Clinical Training Manager/Wound Care	Molnlycke Health Care Company
Mahmoud Elmaghrabi	Product Specialist	Molnlycke Health Care
Ahmad Barakat	Business Manager Wound Care	Molnlycke Health Care

Ahmed Ashour	Area Sales Manager	Molnlycke Health Care
Janis Bruyns, BSN RN, MA	Program Director, General Services	Nursing Affairs
Raghda Nazer, BSN RN, MPA	Education Coordinator	Nursing Development and Saudization
Gabrielle Hutchens, MAppMgt (Nurs) RN, CPHIMS, CPHQ, CSSGB	Nursing Quality Improvement Coordinator	Nursing Practice and Research
Mohammad Althubaiti, BSN RN	Staff Nurse 1 (SN1), Clinical Nurse	24Hour Admission
Khulud Mohammed, BSN RN	SN1, Clinical Nurse	24Hour Admission
Johanna Ruiz, BSN RN	SN1, Clinical Nurse	24Hour Admission
Maria Quintos, BSN RN	SN1, Clinical Nurse	24Hour Admission
Raksha Parsoo, Dip.N RN	Nurse Clinician	24Hour Admission
Rasha Abdullah, BSN RN	SN1, Clinical Nurse	OPD
Rehab Alassiri, BSN RN	Nurse Clinician	OPD
Jolly Mathew, Dip.N RN	SN1, Clinical Nurse	Surgical
Mawaheb Bawian, BSN RN	SN1, Clinical Nurse	Surgical
Rio Flores, BSN RN	Nurse Clinician	Surgical
Maria Descalzo, BSN RN	Nurse Clinician	CVT N/S
Ivy Zulu, DipN. RN	Assistant Head Nurse	CVT N/S
Sarah Almusalam, BSN RN	SN1, Clinical Nurse	DEM
Ma Rapada, DipN. RN	SN3, Clinical Nurse	Transplant
Avegail Miranda, BSN RN	SN1, Clinical Nurse	CSICU
Ammar Lafi, BSN RN	Nurse Clinician	CSICU
Chris Hombrebueno, BSN RN	SN1, Clinical Nurse	MSICU
Maria Cuares, BSN RN	Nurse Clinician	MSICU
Salma El Najjar, BSN RN	Nurse Clinician	NICU
Asmaa Khan, BSN RN	Nurse Clinician	Protocol (VIP)
Cemoye Carrol, BSN RN	Nurse Clinician	1South
Mahmod Musallam, BSN RN	Nurse Clinician	SICU
Ahmad Hawashin, BSN RN	Nurse Clinician	CCU
Amani Alsayed, BSN RN	Nurse Clinician	5S-Medical
Reem Baljoon, MSN RN	Head Nurse	5N-Medical
Amal Brnawi, BSN RN	Nurse Clinician	5N-Medical

Description of the Intervention

Ruth led this initiative with the support of Hazem Al-Dabbas, BSN RN, MSc, Molnlycke Health Care, and Janis Bruyns, BSN RN, MA, Program Director, in collaboration with Nursing Development and Saudization and Nursing Practice and Research departments, the Molnlycke Health Care representatives, and the inpatient units. Molnlycke is a

company used by the hospital to assist in managing wound care patients. Ruth and Hazem created a strategy to improve nurses' knowledge on the prevention, identification, and management of HAIs by implementing a new role, i.e., Wound Champions, at the unit level.

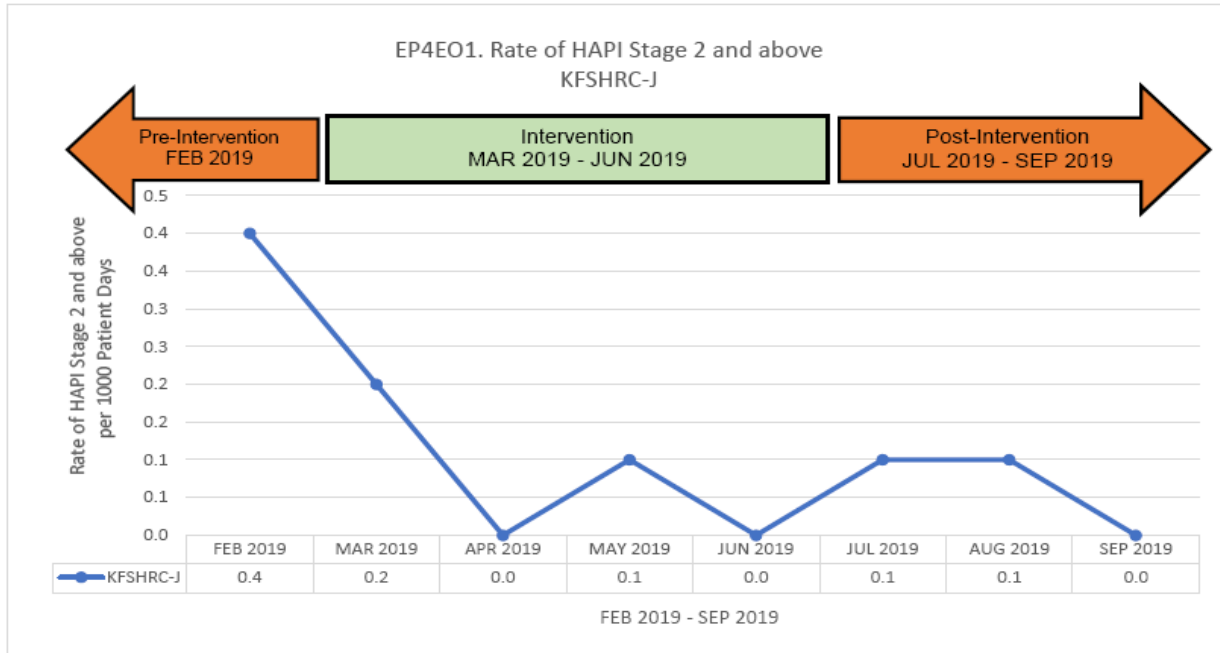
External Consultant

Hazem, a registered nurse with 13 years of nursing experience, was the primary contact representative attending KFSHRC-J on behalf of Molnlycke Health Care company. He understood the issues faced by the organization and utilized his wound management skills and experience to advise on innovative approaches for decreasing the rate for HAI stage 2 and above. The following initiatives were agreed upon for implementation from March to June 2019 based on Hazem's assessment and recommendations to the Nursing Practice and Research department.

- Hazem supported the evidence-based program initiated by Ruth for the identification and development of Wound Ostomy and Continence (WOC) champions in each nursing unit.
- A wound, ostomy, and continence workshop course was developed in collaboration with Molnlycke Health Care to support the new WOC champions educational requirements.
- Molnlycke Health Care provided the workbooks for candidates.
- Molnlycke representatives, including Hazem, agreed to present educational sessions in the workshops. Molnlycke supported the initiative during and outside regular working hours to accommodate KFSHRC-J nursing work hours.
- Molnlycke Health Care proposed to conduct an event as part of the WOC program utilizing national wound specialist expert speakers from within the Kingdom of Saudi Arabia to share their expertise. This two-day off-site event ended in a recognition ceremony for the 27 RNs who completed the WOC champion program. Hazem was involved in organizing and presenting at the event held on a weekend. The RNs attended this event in their own time.
- Hazem recommended utilizing an online educational platform to support the educational requirements of the WOC champion program through the University of Washington, USA. Molnlycke Health Care sponsored the course fee for 28 RNs to access the Wound Academy program, consisting of 10 interactive online modules promoting excellence in the care, management, and treatment of wounds. Module content included prevention of pressure injuries. From March to the end of June 2019, 28 RNs received a certificate of completion for each module from the University of Washington. Champions were required to complete all modules as part of the curriculum for the WOC champion program.


Outcome

Graph EP4EO.1 below demonstrates the decrease in HAPI Stage 2 and above rates resulting from having Hazem as an experienced external expert making recommendations, reviewing nursing practice, providing evidence-based literature and evidence, and participating in education sessions on HAPI prevention.



Graph EP4EO.1: Total Hospital HAPI Stage 2 and Above Rates, KFSHRC-J

Appendix: EP4EO.1 Curriculum Vitae: Hazem Al-Dabbas

<div style="border: 1px solid black; padding: 10px;"><h1>HAZEM AL-DABBAS</h1><p>CLINICAL TRAINING MANAGER – WOUND CARE</p></div>	
<h3>CONTACT</h3> <hr/> <p> 00971557273451</p> <p> 17 September 1977</p> <p> ayah03@hotmail.com</p> <p> Jordanian</p>	<h3>EXPERIENCE</h3> <hr/> <h4>CLINICAL TRAINING MANAGER – WOUND CARE</h4> <p>Molnlycke Health Care December 2012 TO present</p> <p>Training and education for hospital staff on the new approaches in wound management in Middle East and Africa region. Conducting workshops and in-services on wound management protocols at different levels. Contributed in different hospitals in the region to establish wound care teams and link nurses. Working as a reference to clinicians in the region regarding dressing selection techniques. Worked in different clinics and hospitals in the region as hands on clinician and helped in treating difficult cases such as Venus leg ulcers, bed sores, Diabetic foot ulcers, Arterial ulcers, Burns, Surgical site infections.</p>
<h3>EDUCATION</h3> <hr/> <p>REGISTERED NURSE (1995-1998) Nussybah Al-Mazeniah College of Nursing, Jordan</p> <p>BACHELOR OF SCIENCE IN NURSING (2004 – 2005) Royal College of Surgeons in Ireland</p> <p>HIGHER DIPLOMA - WOUND CARE (2005) Hertfordshire University, England</p> <p>MSC HEALTH CARE MANAGEMENT (2010-2011) Bakerville University, Dubai</p> <p>INT’L INTERPROFESSIONAL WOUND CARE COURSE (2012-2013) Toronto University, Abu Dhabi</p>	<hr/> <h4>REGISTERED NURSE – HOME HEALTH CARE / MEDICAL</h4> <p>National Guard Health Affairs – King Abdul-Aziz Program Hospital, Al-Ahsa May 2006 – September 2012</p> <p>Home Health Care Department (HHC): worked as charge nurse, wound care and quality of care coordinator. HHC is taking care after more than 90 patients complaining of diabetes, HTN, CVA, A fib on warfarin, patients with bed sores and surgical wounds, my duty was to give education of breast feeding support and education to patient and caregivers regarding patients care. Assigned as Acting Manager for the unit for several times dealing with management and financial issues for the unit. Worked as a wound care counsellor in the hospital beside my work in HHC, many in-services been given by me either at directors, managers, and nurses level on wound care and dressing selection process. Invited frequently to give lectures about wound management and how to educate patients and families about wound management.</p> <p>Medical Unit: Assessing, planning, and implementing nursing care of patients with severe respiratory and neurological problems. Providing nursing care and support to patients undergoing ventilation or any major respiratory or neurological procedure e.g. lumbar puncture. Education of patients and relatives regarding their illness. Education and assessment of students at ward level. Wound management</p>
<h3>MEMBERSHIP</h3> <hr/> <ul style="list-style-type: none">• Nursing and Midwifery Board of Ireland (2001 to present)• European Wound Management Association (2010 to present)• UK Wounds Association (2014)• Saudi Commission for Health Specialist (2010-2013)	<hr/> <h4>REGISTERED NURSE – MEDICAL RESPIRATORY / NEUROLOGY</h4> <p>The Adelaide and Meath Hospital, Ireland September 2001 – November 2006</p> <p>Assessing, planning, and implementing nursing care of patients with severe respiratory and neurological problems. Providing nursing care and support to patients undergoing ventilation or any major respiratory or neurological procedure e.g. lumbar puncture. Education of patients and relatives regarding their illness. Education and assessment of students at ward level.</p>

- Member of the Committee for Promotion of Breastfeeding in King Abdul Aziz Hospital / National Guard Health Affairs
- Member of the WHASA Consensus Group for the Management of Diabetic Foot (2013-2014)

NATIONAL CONFERENCES

- Speaker - International Wound Care Conference, Abu Dhabi (2013)
- Speaker - Burn Congress, Dubai (2014)
- Speaker - International Diabetic Foot Conference, Kuwait (2016)

REFERENCES

Prof. Tariq Khashoggi
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Aziz Hospital
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Mary O' Grady (CNM 3)
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Paul Karam
Business manager MEA
Tel:009613736256
Email:paul.karam@ymail.com

Husain Malkawi
General Manager
Tel:00971552200906

REGISTERED NURSE – MEDICAL / SURGICAL

Al Mafrq Government Hospital, Jordan
March 2001 – September 2001

Providing nursing care to patients with cardiac and respiratory problems and patients undergoing surgeries. Providing a high standard of nursing care to each patient in meeting their specific needs. Education and assessment of student nurses at ward level.

REGISTERED NURSE – ONCOLOGY

Al Basher Government Hospital, Jordan
July 2000 – March 2001

Assessing, planning, and implementing nursing care for patients with cancer and patients who are receiving chemotherapy. Providing nursing care and support to patients undergoing chemotherapy. Educating patients and relatives regarding their illness.

REGISTERED NURSE – BONE MARROW TRANSPLANT

Al Amal Centre for Cancer, Jordan
October 1999 – July 2000

Assessing, planning, and implementing nursing care for patients with different types of bone marrow transplantation. Providing nursing care and support for patients undergoing intensive chemotherapy. Nursing care for patients with central line. Maintaining strict isolation nursing for all patients in adherence to ward policy. Nursing care of patients' pre- and post- bone marrow transplant. Education of patients and relative about bone marrow transplant and the results.

REGISTERED NURSE – MEDICAL / SURGICAL

Arab Centre for Heart and Special Surgery, Jordan
January 1999 – September 1999

Assessing, planning, and implementing nursing care of patients pre and post cardiac procedure and with chronic diseases such as CVA, respiratory problems. Education of patients and relatives regarding their illness.