

Practice and Adherence to a Bundle for Prevention of Central Venous Catheter Infection among Health Care Providers in the North of Palestine Hospitals.

Students:

Anas Saeed Mhajna
Mohammad Imad Eghreib
Areen Mohammad Assadi
Alaa Mouafak Zaiadni
Deyaa Mohammad Abu Zer

Supervisor

Ms.Mahdia Kony

Abstract

Background:

Vascular access means “a way to get to blood vessels” it can be central or peripheral access; it is primarily used for the administration of intravenous fluids, medications, obtaining blood samples, long-term IV feeding and blood transfusions. It is an invasive technique through which a flexible and sterile catheter is inserted into a vein over an extended period. Nurses who are caring for central venous catheter are registered nurses who learn how to take care of the vascular access because it is fundamental for safe nursing practice. The researchers believed that there is a gap between theoretical and clinical practice.

Aim of the study:

The aim is to investigate adherence of nurses and other healthcare providers with the bundle of prevention central line-associated bloodstream infection (CLABSI) at Nablus selected hospitals.

Method:

A quantitative descriptive design is used with a sample of 100 participants.

Result:

The results show that the handling & maintenance central lines appropriately at An-Najah National University hospital was 46.5% and the compliance of Arabic Specialty hospital was 40.3%, furthermore the mean of healthcare organization at An-Najah National University hospital was 30.5% and the mean of healthcare organization at Al Arabic Specialty hospital was 24.5%.

Conclusion:

Handling and maintenance of central line catheter and bundle for prevention CLABSI has a low rate of compliance and adherence among nurses who are working at An-Najah National University hospital and Arabic specialty hospital and there is lack of organizational policies and support to encourage healthcare provider in prevention CLABSI.

Key word:

Central line-associated bloodstream infection, central line catheter, care bundle and compliance.

