Research No. (1) – Shared Research

Infection Control Measures in Caring for Patients on Mechanical Ventilation

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Abstract:

Background:

Respiratory tract infections represent significant proportion of hospital acquired infections about 15-20 % o all hospial acquired infections are of the lower respiratory tracts which are the leading causes of mortality pulmonary ventilation or instrumentation may lead to nosocomial pneumonia. the primay risk factors for the development of hopital associated bacterial pneumonia is mechanical vetilation which is often associate with a dramatic incease in length of hospital stay and total hospital costs.

The aim of this study: to assess Infection Control Measures in Caring for Patients on Mechanical Ventilation

A descriptive design was utilized to meet the aim of this study.

Setting: The study was performed in the intensive care unit at Benha University Hospital.

During the period from February 2007 to February 2008.

Subjects: The study included convenient sample of (60) nurses and physicians carrying for patient on mechanical ventilation were recruited for the purpose of the study.

Tool: Three tools were used for data collection: Tool I- Nursing assessment sheet. Tool II – pretest to assess infection control knowledge for nurses and physicians. Tool III – Rating Scale Questionnaire to assess attitude of nurses and physicians included in the study.

Results: The highest percent of correct nurses' knowledge was for hand washing between patients.

Conclusion: The majority of nurses and physicians performance about infection control measures for patient caring on mechanical ventilation were unsatisfactory. There was a better level of nurses and physicians' knowledge compared to their performance.

Recommendations: Further research must focus on whether ventilator associated pneumonia affects ICU mortality or not.

Signature:

Hala Abd El-Salam Sheta