

Nurses' Performance Regarding Management of Patients with Chest Tube

Thesis

*Submitted for Partial Fulfillment of the
Master Degree in Nursing Science
Medical Surgical Nursing*

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ABSTRACT

Nursing management of chest drains is important. A comprehensive understanding of the operations of the chest drain systems and areas requiring special attention would be important to reduce the complications arising from chest tube drainage. All staff must be aware of all aspect of care and the principles of safe, effective assessing chest tube patency, dressing change, changing drainage bottle if broken or filled, health teaching, nursing documentation and care for chest tube removal for Patients with chest tube. Little has been written on the nursing management of chest drains and the literature highlights a lack of national standardized guidelines for due to a lack of up-to-date literature for the nurse, lack of training course and supervisions. **The aim of this study** was to assess the nurses' performance regarding management of patient with chest tube. **Design:** A descriptive study. **Setting:** The study was carried out at the cardiothoracic surgery, Intensive Care Unit at Ain Shams University Hospitals. **Study subjects:** A convenience sample of all available nurses (no=40) were included in this study. **Data collection tools:** An interview questionnaire sheet and nurses' performance observational checklist. **Results:** 82.5% had unsatisfactory knowledge regarding to management of patient with chest tube. 92.5% showed unsatisfactory practice regarding to management of patient with chest tube, majority of nurses (97.5%) reported that there were many factors affecting on their performance; nurses' related factors (97.5%), work' related factors (87.5) and patient' related factors (95.0). **Conclusion:** Based on the study finding, majority of nurses caring of patients with chest tube had unsatisfactory knowledge and practice. Furthermore, there were many factors affecting nurses' performance as; nurses' related factors, work' related factors and patient' related factors. **Recommendations:** This study recommends the importance of in-service training courses to enhance the nurse's knowledge and performance and to avoid complications of chest tube.

Keywords: *Chest drain n Critical care n Pleural cavity n Thorax*