



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس التوثيق الإلكتروني والميكروفيلم

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MONA MAGHRABY

**Factors Affecting Nurses' Performance
in Caring for Patients with Traumatic
Head Injury in Critical Care Unit**

Thesis

Submitted for Partial Fulfillment of Master Degree
in Medical Surgical Nursing
(Critical Care Nursing)

By

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Faculty of Nursing/ Zagazig University (2013)

**Faculty of Nursing
Ain Shams University
2020**

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Acknowledgement

*First and foremost my thanks to **ALLah** for enabling me to finish this thesis.*

*With a deep sense of gratitude I place on record my immense dep't to my guide. **Prof. Dr. Ola Abdel Aty Ahmed**, Professor of medical surgical Nursing, Faculty of Nursing, Ain shams University, for her valuable guidance, constant encouragement, patience, and personal interest. Her motivating words, loving attitude and valuable suggestion laid the foundation stone for building up the present study*

*Also, I wish to express my special gratitude to **Dr. Mona Nadr Ebraheim**, Assist professor of medical surgical Nursing, faculty of Nursing, Ain shams University .Not only for giving me the honor of supervision of this study but also for her constructive advice , co-operation and direction*

I wish to extend my thanks to all persons for their cooperation during this study.

Medhat saleh mohamed

**Factors Affecting Nurses' Performance in Caring for Patients
with Traumatic Head Injury in Critical Care Unit**

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Abstract

Head trauma is a major cause of morbidity and mortality in both developed and developing countries. Deaths due to injuries account for 10% of the world's mortality. **Aim:** the present study aimed at assessing nurses' performance and attitude in caring for patients with traumatic head injury in addition to identifying the factors affecting their performance in caring for these patients. **Design:** descriptive, exploratory design was used. **Setting:** this study was conducted in “Neuro-Surgical ICU at EL Ahrar Zagazig teaching hospital Sharqia governorate”. **Subject:** a convenient sample of all available nurses (40) working in “Neuro-Surgical ICU in EL Ahrar Zagazig teaching hospital”. **Tools:** three tools were used namely, nurses' self-administered questionnaire, nurses' observational checklist and questionnaire to assess factors affecting nurses' performance in caring for patients with traumatic head injury. **Result:** the result of this study showed that, more than two thirds of the studied nurses had unsatisfactory level of knowledge regarding care of patient with traumatic head injury, while more than three fourths of them had positive attitude and slightly more than half of them got satisfactory level of practice regarding the same topic. **Conclusion:** it can be concluded that, factors including associated cervical fractures, nervous irritation, inadherence of physicians to correct recording, insufficient salary, exhaustion from daily intensive care, nuisance of equipment alarms and discrepancy between number of nurses and number of patients increase difficulty of caring for patient with traumatic head injury. **Recommendations:** in-service training program must be developed based on nurses' needs assessment regarding care of patients with THI.

Key words: factors affecting nurses' performance – traumatic head injury

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List of Abbreviations

Abbreviation	Full term
ADAM	Animated Dissection of Anatomy for Medicine
CC	Cardiac Catheterization
CDC	Centers for Disease Control and Prevention
CN	Cranial Nerves
CN I	Olfactory Nerve
CN II	Optic Nerve
CN III	Oculomotor Nerve
CN IV	Trochlear Nerve
CN V	Trigeminal Nerve
CN V 1	Ophthalmic Nerve
CN V 2	Maxillary Nerve
CN VI	Abducens Nerve
CN VII	Facial Nerve
CN VIII	Vestibulocochlear Nerve
CPP	Cerebral Perfusion Pressure
CTBI	Chronic Traumatic Brain Injury
DTI	Diffusion Tensor Imaging
GCS	Glasgow Coma Scale
ICP	Intra Cerebral Pressure

 List of Abbreviations 

Abbreviation	Full term
ICU	Intensive Care Unit
LOC	Level of Conscious
MRI	Magnetic Resonance Imaging
O2	Oxygen
STHI	Severe Traumatic Head Injury
TBI	Traumatic Brain Injury
THI	Traumatic Head Injury
WHO	World Health Organization