

**Deanship of Graduate Studies  
Al-Quds University**



**Assessment of Nurses' Knowledge and Practice Related  
to Nursing Care of Children with Bronchiolitis  
in Gaza Strip**

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**Assessment of Nurses' Knowledge and Practice Related  
to Nursing Care of Children with Bronchiolitis  
in Gaza Strip**

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### Thesis Approval

## Assessment of Nurses' Knowledge and Practice Related to Nursing Care of Children with Bronchiolitis in Gaza Strip

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## **Dedication**

To those who did seek to provide better support in a way to motivate me for success through which I learnt to move on forward with wisdom and patience. This is to my dear father.

The one that has an awful lot of support and to my mother whom my heart spoke to.

Additionally, I send this to who like me such as my dear brothers and sisters.

And to those who did the best to teach me in a way that flourishes my education way as well as success such as my dear teachers.

And to those who stayed long with me to move on forward with success and stood shoulder to shoulder with me to achieve what we look for which is the flower of our education such as my dear friends.

Mohammed Hosni Mansour

## **Declaration**

I certify that this thesis submitted for the degree of Master, is the result of my own research, except where otherwise acknowledged, and this study (or any part of the same) has not been submitted for a higher degree to any other university or institution.

Signed:

Mohammed Hosni Mansour

Date:..../..../....

## **Acknowledgement**

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## **Abstract**

Bronchiolitis is considered one of the earliest and most common causes of hospitalization among young children during their first 2 years of life. Bronchiolitis is the leading cause of hospitalization for infants with an estimated 3.4 million admissions globally every year. The aim of this study was to assess the nurses' knowledge and practice related to nursing care of children with bronchiolitis in GS. The researcher used a descriptive, cross-sectional design in this study. The sample of the study was census sample and 124 nurses of both sexes with different grades who are working at pediatric department in the five governmental hospitals in GS (European Gaza Hospital, Al Tahreer Hospital, Al Aqsa Hospital, Al Nasr Hospital and Al Durra Hospital). For data collected by researcher used structured self-administered questionnaire about knowledge and practice. Data analyzed by using spss version 22. The results of the study showed that the mean age of nurses was  $28.22 \pm 5.95$  years. The overall average of knowledge of the study participants about care of children with bronchiolitis was 66.78%. Moreover, the overall average of practice of care for children with bronchiolitis was 53.93%. The study concluded that of study participants have inadequate level of knowledge and practicing about care of patients with bronchiolitis. The recommendations were encourage decision makers to develop continuous education activities for nurses to increase knowledge and practice of the nurses skills and establish of educational poster in nurses office contains most important interventional activities for bronchiolitis children.

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## Abbreviations

<b>AAP</b>	American Academy of Pediatrics
<b>ABG</b>	Arterial Blood Gas
<b>ADH</b>	Antidiuretic Hormone
<b>ANOVA</b>	Analysis of Variance
<b>CF</b>	Cystic Fibrosis
<b>CHD</b>	Congenital Heart Disease
<b>CLD</b>	Chronic Liver Disease
<b>CLDI</b>	Chronic Lung Disease of Infancy
<b>CPAP</b>	Continuous Positive Airway Pressure
<b>CPGs</b>	Clinical Practice Guidelines
<b>CPT</b>	Chest Physiotherapy
<b>CRP</b>	C-Reactive Protein
<b>CSF</b>	Cerebrospinal Fluid
<b>DNA</b>	Deoxyribonucleic Acid
<b>ECG</b>	Electrocardiogram
<b>ED</b>	Emergency Department
<b>EGH</b>	European Gaza Hospital
<b>GDP</b>	Gross Domestic Product
<b>GS</b>	Gaza Strip
<b>GT</b>	Gastric Tube
<b>HFNC</b>	High-Flow Nasal Cannula
<b>HR</b>	Heart Rate
<b>ICU</b>	Intensive Care Unit
<b>IV</b>	Intravenous
<b>Km<sup>2</sup></b>	Square Kilometers
<b>KT</b>	Knowledge Translation
<b>LOS</b>	Length of Stay

<b>LRI</b>	Lower Respiratory Infection
<b>LSD</b>	Least Significant Difference
<b>MOH</b>	Ministry of Health
<b>NG</b>	Nasogastric
<b>NGOs</b>	Non-Governmental Organizations
<b>NICU</b>	Neonatal Intensive Care Unit
<b>PCBS</b>	Palestinian Central Bureau of Statistics
<b>PCO<sub>2</sub></b>	Partial Pressure of Carbon Dioxide
<b>RCTs</b>	Randomized Controlled Trials
<b>RNA</b>	Ribonucleic Acid
<b>RR</b>	Respiratory Rate
<b>RSV</b>	Respiratory Syncytial Virus
<b>RV</b>	Rhinovirus
<b>SPO<sub>2</sub></b>	Stands for Peripheral Capillary Oxygen Saturation
<b>SPSS</b>	Statistical Package for Social Sciences
<b>UK</b>	United Kingdom
<b>UNOCHA</b>	United Nations Office for the Coordination of Humanitarian Affairs
<b>UNRWA</b>	United Nations Relief and Works Agency for Palestinian Refugees in the Near East
<b>USA</b>	United States of America
<b>WB</b>	West Bank
<b>WBCs</b>	White Blood Cells