

## EVALUATION OF NURSE'S KNOWLEDGE ABOUT ASTHMA IN CHILDREN

SAJJAD SALIM ESSA

University of Basra, College of Nursing, Basrah, Iraq

### ABSTRACT

**Problem of Project:** 'Are the nurses in pediatric emergency room and pediatric wards have adequate knowledge about asthma in children?

#### Goals of Project

- To evaluate nurses' knowledge about asthma in children.
- To identify relationship between level of knowledge and variables of study.
- Make comparison among hospitals regarding level of knowledge.

**Review of Literatures:** this chapter focuses on definition of asthma, causes, triggers of asthma, clinical manifestation, and management of asthma.

#### Methodology

**Setting of the Project:** This study was carried out from nursing staff working in pediatric emergency room and pediatric wards in different hospitals from 5-11-2013 to 1-2 2014 as following:

- Basra general hospital.
- Al-Mawany general hospital.
- Al-Basra hospital for maternity and children
- Al-Fayhaa general hospital.

**Sample of the Study:** Simple random sample was collected which involves nursing staff from different hospitals from 17-11-2013 to 27-11-2013 as following;

- Al-Basra general hospital (13) sample.
- Al-Mawany general hospital (13) sample.
- Al-Basra hospital for maternity and children (12) sample.
- Al-Fayhaa general hospital (8) sample

**Project Instrument:** Instrument of this study was a questionnaire composed of (30) question about asthma in children to evaluate nurses' knowledge about this subject.

**Statistical Data Analysis:** We used (Mean, Variance, Standard Deviation, Standard Error, Percentage, Pearson correlation, one way anova F-test, and L.S.D test).

**Results:** this chapter focuses on;

- Descriptive statistics of level of nurse's knowledge about asthma in children.
- Pearson correlation between level of knowledge and variables of study.
- One way anova (F-test) and L.S.D test to compare hospitals regarding level of knowledge.

### **Conclusions**

- Nursing staff in pediatric emergency room and pediatric wards have sufficient knowledge about asthma in children.
- Level of education and years of experience play an important role in development of nurse's information.
- We can rank hospitals according to level of knowledge as following ;( Al-Fayhaa general hospital, Al-Basra general hospital, Al –Mawany general hospital, Al-Basra hospital for maternity and children)

### **Recommendations**

- Frequent sessions should be organized for nurses about Asthma and its management to improve their information.
- Frequent research studies are recommended to evaluate improvement of nurse's information about asthma and its management within the hospital.
- Take into account the importance of level of education for nurse's work in pediatric emergency room and pediatric wards and limited to preparatory level or diploma.

**KEYWORDS:** Nurse's Knowledge About Asthma in Children, Large Number of Emergency Room Visits and Hospitalizations

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Template: C:\Users\SYSTEM12\AppData\Roaming\Microsoft\Templates\Normal.d  
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Title:  
Subject:  
Author: SYSTEM12  
Keywords:  
Comments:  
Creation Date: 9/12/2014 4:42:00 PM  
Change Number: 2  
Last Saved On: 9/12/2014 6:32:00 PM  
Last Saved By: SYSTEM12  
Total Editing Time: 2 Minutes  
Last Printed On: 9/12/2014 6:32:00 PM  
As of Last Complete Printing  
Number of Pages: 2  
Number of Words: 444  
Number of Characters: 2,598 (approx.)