

## A Study to Assess the Effectiveness of Video Assisted Teaching on Knowledge and Practice of Home Care Management of Bronchial Asthma Among Mothers of Children in Selected Hospital at Tirunelveli.



### Nursing

**KEYWORDS :** Boiler, energy efficiency, heating system, energy consumption.

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### ABSTRACT

*Introduction: Respiration is important for survival. Through the respiration many of the dust and microbes enter in the body. It may cause many respiratory problems in the human being. In that asthma is one of the major public health problems. Objectives: To assess the level of knowledge in home care management of bronchial asthma among mothers of children. To assess the level of practice home care management of bronchial asthma among mothers of children. To determine the effectiveness of video assisted teaching programme on knowledge and practice on home care management of bronchial asthma among mothers of children. To associate the selected socio demographic variables with the post test knowledge and practice of home care management of bronchial asthma among mothers of children. Methodology: A Pre-experimental one group pre-test post-test design with purposive sampling technique 50 samples were analyzed by descriptive and inferential statistics. Result: There was association between the place of residence and post test knowledge on home care management of bronchial asthma and is statistically significant at  $p < 0.001$  level.*

### INTRODUCTION:

Asthma is one of the world's most common long term diseases. Most of the children due to the ignorance and negligence of the parents are unable to diagnose bronchial asthma in the earliest period and save the life from an acute asthma attack. To strengthen the parents knowledge and management of home care for the betterment of their children. So the investigator got interest in conducting the study in the above problem.

### STATEMENT OF THE PROBLEM:

A study to assess the effectiveness of video assisted teaching on knowledge and practice of home care management of bronchial asthma among mothers of children in selected hospital at Tirunelveli.

### OBJECTIVES

#### The objectives of the study

- assess the level of knowledge in home care management of bronchial asthma among mothers of children
- assess the level of practice home care management of bronchial asthma among mothers of children
- determine the effectiveness of video assisted teaching programme on knowledge and practice on home care management of bronchial asthma among mothers of children.
- associate the selected socio demographic variables with the post test knowledge and practice of home care management of bronchial asthma among mothers of children.

### HYPOTHESES:

There is a significant increase in knowledge and practice of home care management of bronchial asthma among mothers of children who attended the video assisted teaching programme than those who do not.

### METHODOLOGY:

A Pre-experimental one group pre-test post-test design was used for this study. Purposive sampling technique 50 samples were selected. The sample selected for the study was 50 mothers of children with bronchial asthma admitted in Krishna Maternity Hospital. The data was analyzed by descriptive and inferential statistics.

### ANALYSIS AND INTERPRETATION:

#### Assess the knowledge on home care management of bronchial asthma among mothers of children (n=50)

Level of overall knowledge	Pre test		Post test	
	n=50	%	n=50	%
Inadequate knowledge	37	74.0	-	-
Moderately adequate knowledge	13	26.0	27	54.0
Adequate knowledge	-	-	23	46.0

The above table shows that out of 50 mothers in pre test 37(74%) had inadequate knowledge, 13(26%) of mothers had moderately adequate knowledge.

#### Assess the level of practice on home care management of bronchial asthma among mothers of children (n=50)

Level of practice	Pre test		Post test	
	n=50	%	n=50	%
Poor	40	80.0	-	-
Fair	10	20.0	28	56.0
Good	-	-	22	44.0

The above table shows that out of 50 mothers in pre test 40(80%) had poor practice 10(20%) of mothers had fair practice and none of them had good practice

#### Determine the effectiveness of video assisted teaching programme on knowledge and practice on home care management of bronchial asthma among mothers of children

Variables	Mean	Standard Deviation	Paired t value
Pre test knowledge	11.00	2.76	t=14.83
Post test knowledge	18.06	2.41	P=0.000***
Pre test practice	4.84	0.96	t=12.73
Post test practice	7.46	0.99	P=0.000***

The above table shows that the post test knowledge and practice was higher than the pre test knowledge and practice. This study shows that video assisted teaching programme was effective in imparting the knowledge to mothers on home care management of bronchial asthma.

### RESULT:

The post test mean knowledge score (18.06) was higher than the pre test mean knowledge score (11.00) among mothers of children with bronchial asthma. The obtained paired 't' value was 14.84 significant at  $p < 0.001$  level. The post test mean practice score (7.46) was higher than the pre test mean practice score (4.84) among mothers of children with bronchial asthma. The obtained paired 't' value was 12.730 significant at  $p < 0.001$  level. There is association between the place of residence and post test knowledge on home care management of bronchial asthma and is statistically significant at  $p < 0.001$  level.

**CONCLUSION:**

The study findings revealed that the video assisted teaching programme was effective in improving the knowledge and practice on home care management of bronchial asthma.