

**PNEUMONIA MANAGEMENT PROGRAM FOR PARENTS OF  
CHILDREN UNDER 5 YEARS OLD: EVIDENCE - BASED  
NURSING**



**MOST ZOSNARA KHATUN**

**A THEMATIC PAPER SUBMITTED IN PARTIAL FULFILMENT  
OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF  
NURSING SCIENCE (PADIATRIC NURSING)  
FACULTY OF GRADUATE STUDIES  
MAHIDOL UNIVERSITY**

Copyright by Mahidol University

**COPYRIGHT OF MAHIDOL UNIVERSITY**

**PNEUMONIA MANAGEMENT PROGRAM FOR PARENTS OF CHILDREN  
UNDER 5 YEARS OLD: EVIDENCE-BASED NURSING**

**MOST ZOSNARA KHATUN 5538721 NSPN/M**

**M. N. S. (PEDIATRIC NURSING)**

**THEMATIC PAPER ADVISORY COMMITTEE: APAWAN NOOKONG, Ph.D.,  
SUDAPORN PAYAKKARAUNG, Ph.D.**

**ABSTRACT**

Pneumonia is the leading cause of illness and death for under 5 year old children in Bangladesh and many other countries in the world. This study aimed to summarize related evidence in regard to educational programs about pneumonia management to improve knowledge and skill in caring for children with pneumonia and make a conclusion based on recommendations from the evidence. The related evidence published from 2010-2014, in English, was searched from Mahidol University electronic databases. Searching for evidence was conducted by using the PICO (Population, Intervention, Comparison and Outcome) framework. Three quasi-experimental studies, one pre-experimental study and one international guideline were included in this study. The educational programs about pneumonia management were frequently delivered in the hospitals. The methods of the educational programs were lecture, group discussion, role play, demonstration and return demonstration provided by nurses, booklets, flipcharts, leaflets, and posters. The contents consisted of the nature of the disease, management and care, immunization, nutrition, preventing dehydration, management of fever, medication administration and follow up appointment etc. The outcome measurement tools used were questionnaires, multiple choice questions, observational checklists, and 3-point practice scales. Findings from the evidence support the view that educational programs about pneumonia management are effective for parents of children under 5 years old to improve knowledge and skills in caring for children with pneumonia.

It is recommended that the pneumonia management program should be developed and implemented to suit the clinical practice context of Bangladesh. Further research to evaluate the effectiveness of pneumonia management programs is also recommended.

**KEY WORDS: CHILDHOOD PNEUMONIA/ PNEUMONIA MANAGEMENT  
PROGRAM/ EVIDENCE-BASED NURSING**

42 pages