

3836980 PPH / M : MAJOR : PUBLIC HEALTH NURSING : M.Sc.  
(PUBLIC HEALTH)

KEY WORD : HEALTH BELIEF MODEL / GROUP PROCESS /  
REMINDING TECHNIQUE / MATERNAL BEHAVIORS /  
DENTAL HEALTH CARE IN PRESCHOOL CHILDREN

PRAPAPAN POCASUWAN : THE APPLICATION OF HEATH  
BELIEF MODEL CONCEPTS THROUGH GROUP PROCESS WITH REMINDING  
TECHNIQUE TO MATERNAL BEHAVIORS OF DENTAL HEALTH CARE IN  
PRESCHOOL CHILDREN. THESIS ADVISOR :

VARATTAMA SUKVATTANANAN, D.N.S., ROONGROTE POOMRIEW,  
M.P.H., Ph.D., TUE YOUNGNOI, M.P.H. 250 p. ISBN 974-588-987-3

The main purpose of this study was to determine the application of Health Belief Model concepts through group process with reminding technique to maternal behaviors of dental health care in preschool children. This research used a quasi-experimental design. The sample group was 66 mothers of the Rithiyawanalai school : 33 were in the experimental group and 33 were in the control group. The experimental group received one-time participation in group process (training) which presented the reminding technique by using dental health care record forms in preschool children for four-weeks and provided toothpaste and toothbrushes and brochures for the mothers. The control group did not receive any training. Data were collected by using an interview schedule and by observing behavior of mothers. Data analysis was done using general statistics, percentage, mean and standard deviation. Average scores from before-after the experiment were compared by using paired t-test. Comparison between experimental and control group was done with t-test statistics.

The results of the research revealed that after the experiment the experimental group perceived the susceptibility, the severity and the benefit of practicing, tooth brushing and examining properly and frequently. Child training about dental care after eating for preventing dental caries was more correct than before the experiment. Statistical significance of the control group behavior indicates that we should bring this research design to the other mothers groups to urge the preschool children to have good oral health in order to decrease the dental caries rate.