

Wilaiwan Chaiwat 2009: Factors Influence Behaviors to Use Face Mask in Prevention of Communicable Respiratory Diseases in Inpatient in Chest Disease Institute, Department of Medical Services, Ministry of Public Health. Master of Science (Health Education), Major Field: Health Education, Department of Physical Education. Thesis Advisor: Associate Professor Supat Teravecharoenchai, M.Sc. 101 pages.

The purpose of this descriptive research was to identify the factor affecting use of face mask in inpatients in Chest Disease Institute, Department of Medical Services, Ministry of Public Health. The study was conducted on a sample of 390 male and female inpatients. The PRECEDE model was modified for the conceptual framework of this study. The questionnaires which was adapted from tools developed by Associate Professor Supat Teravecharoenchai and test by researcher, were used for collecting the data. The questionnaires was tested and passed with satisfactory result. The relationship between the factors and the behaviors in using face mask were analyze percentage, mean, standard deviation, Chi- square ad Pearson product moment correlation coefficient.

The results of this study revealed that: 1) Bio-social factors was not significant to behavior of using face mask in this study group. 2) Predisposing factors: knowledge and attitude, was significant to behavior of using face mask ( $p < 0.01$ ). 3) Reinforcing factors: ease of use, low price and usefulness was significant to behavior of using face mask ( $p < 0.01$  and  $p < 0.05$ ). 4) Enabling factors: receiving information and support from relatives was significant to behavior of using face mask ( $p < 0.05$ ).

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Thesis Advisor's signature

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