

4037380 SHMS/M : MAJOR : MEDICAL AND HEALTH SOCIAL SCIENCE; M.A.  
(MEDICAL AND HEALTH SOCIAL SCIENCE)

KEY WORD : HABITS / EAR PROTEC / TEXTILE INDUSTRY

CHATCHANEE KUMPIBAL : HABITS OF EAR PROTECTION FROM  
NOISE HAZARD OF TEXTILE IDUSTRIAL WORKER. THESIS ADVISOR :  
VEENA SIRISOOK, Dr.P.H., VANAWIPHA PASONDHANATORN, M.A.,  
CHAWALIT SUNTIKITRUNGRUANG, M.D.,M.Sc.(P.H.), 179 p,  
ISBN 974-665-119-6

The objective of this study are to examine ear protection habits of female workers in the textile industry and to investigate the relationship between cognitive, biological, work - related factors and ear protection habits. One hundred and fifty – three female workers from a medium – sized industrial textile factory were interviewed by using a structural questionnaire. The data were analyzed by using percentage, mean, standard deviation. The relationship was tested using chi – square and t – test.

The results revealed that only 31.4% of textile worker used ear plugs. Moreover, most of them used ear plugs incorrectly . In addition, earplugs cleaning and changing of new earplugs were not trolled correctly. As for the relationship between cognitive, biological and working – related factors and ear protection habits, the analysis indicated that self – efficacy, work section and age of the workers were significantly related with ear protection habits.  $P < 0.005$