Porn-in Wangyaichim 2010: Factors Relating to Metabolic Syndrome Preventive Behavior of Health Personnel in Nakhon Nayok Province. Master of Science (Health Education), Major Field: Health Education, Department of Physical Education. Thesis Advisor: Associate Professor Supat Teravecharoenchai, M.Sc. 134 pages.

The purpose of this descriptive research was to study factors relating to metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province. The sample of this study were 317 health personnel of Nakhon Nayok Province. Data were collected by the questionnaire constructed by the researcher. Data analysis was made by statistical computer package for percentage, mean, standard deviation , Chi-square test and Pearson's Product Moment Correlation Coefficient .

The research result were as follows.

1. Metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province were at a moderate level.

2. The biosocial factors namely gender , age , education , marrital status , field position , work character , income , health condition and family history of illness had relationship with metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province at a statistical significance level of .05

3. The predisposing factors namely knowledge , attitude and perception had relationship with metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province at a statistical significance level of .05

4. The enabling factors namely the policies of the Ministry of Health and support agencies had relationship with metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province at a statistical significance level of .01

5. The reinforcing factors namely the receiving of information concerning metabolic syndrome preventive behavior and social support had relationship with metabolic syndrome preventive behavior of health personnel in Nakhon Nayok Province at a statistical significance level of .05

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