

Parinee Kawtong, Major 2010: Factors Affecting Infections Surveillance Control by Nurse in a Medical Department of Phramongkutklo Hospital. Master of Science (Health Education), Major Field: Health Education, Department of Physical Education. Thesis Advisor: Associate Professor Alisa Nititham, M.Ed. 138 pages.

The objective of this descriptive research was to study factors affecting the performance of infectious diseases surveillance by nurse in the Medical Department of Phramongkutklo Hospital. The population of this study was 140 nurse. Research questionnaire developed by the researcher. The descriptive statistical were percentage, mean and standard deviation. Chi-square and Pearson's Product Moment were use to test for correlation.

The research findings were as follows:

1. The performance of infectious diseases surveillance was low
2. Bio-social factors such as age, income per month, marital status, and duration of work were not correlated with the performance of infectious surveillance in the hospital. Education level and unit of workplace in the Medical Department of Phramongkutklo Hospital significantly correlated with the performance of infectious diseases surveillance (statistical level at  $\alpha = 0.05$ )
3. Per- disposing factors such as attitude on performance of infectious diseases surveillance and perceive of severity of diseases also significantly correlated with the performance of surveillance work in this hospital. (statistical level at  $\alpha = 0.05$ )
4. Enabling factors such as hospital policy, training experience and supplies for infectious diseases surveillance significantly with this dependent variable (statistical level at  $\alpha = 0.01$ )
5. Supplementary factors such as the support from hospital administration on the performance of this surveillance job and receive information from the hospital about infectious diseases surveillance were highly significant with this dependent variable at ( $\alpha = 0.01$ )

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Student's signature

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Thesis Advisor's signature