

Kanchana Borisuth 2010: Factors Affecting Self-care Behaviors of Diabetes Mellitus Patients in His Majesty The King's 80<sup>th</sup> Birthday Anniversary Medicinal Office, Tharueaphrathoen Municipality, Amphoe Tha Maka, Kanchanaburi Province. Master of Science (Health Education), Major Field: Health Education, Department of Physical Education. Thesis Advisor: Associate Professor Supat Teravecharoenchai, M.Sc. 135 pages.

The objective of this study was to investigate factors affecting self-care behaviors of Diabetes mellitus patients in His Majesty The King's 80<sup>th</sup> Birthday Anniversary Medicinal office, Tharueaphrathoen Municipality, Amphoe Tha Maka, Kanchanaburi Province. The number of surveyed diabetes mellitus patients was 310 persons. 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 results were as follows.

1. Self-care behaviors of Diabetes mellitus patients was at moderate level
2. The bio-social factors had no significant relationship with self-care behaviors of diabetes mellitus patients
3. The predisposing factors, realized severity of diabetes. Opportunity to realize the risk of complications from diabetes conditions. Awareness of the benefits and obstacles found itself deployed to prevent conditions from diabetes complications positively related to self-care behaviors by statistically significant at .01 level. realization of their own health care is correlated positively with self-care behaviors of diabetes patients at .05 level.
4. The enabling factor, accessing to health facilities, positively related to self-care behaviors by statistically significant at .01 level.
5. The reinforcing factor, social support from family, neighbors, colleagues, diabetes mellitus patients and health professionals, positively related to self-care behaviors by statistically significant at .01 level.

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Thesis Advisor's signature