Independent Study Title   Development of an Information Technology System for the

International Classification of Nursing Practice(ICNP) at

Maharaj Nakhon Chiang Mai Hospital

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ABSTRACT

The purposes of this independent study "Development of an Information Technology System for the International Classification of Nursing Practice (ICNP) at Maharaj Nakhon Chiang Mai Hospital " are 1) to develop Nursing Phenomena and Nursing Action trend to standard of International Classification Nursing Practice. 2) to produce the information system for executive of nursing division for people health status in the future and to develop human resource management 3) to study obstacles, problems, limitation and problem solving methods leading to future system development .

This program was developed on WindowsXP operating system. The program was developed by Microsoft Visual Foxpro to retrieve data from Cache Database of SIS and used the MySQL database of Nursing Information System (NIS).

The result of using this program was evaluated from representative of nursing section and staff of Nursing Information System which create and collect data to ICNP database. The result of the study showed accuracy, satisfactory and suitable for being used in Nursing Division in Maharaj Nakhon Chiang Mai Hospital and supported the objective of this study.