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### Abstract

The purposes of this Independent study were to develop the pre-post conference of nurses in intensive care unit at Nakhon Phanom Hospital and to investigate the effect of the pre-post conference development on knowledge, attitude and practice of nurses in intensive care unit. The study population was 14 nurses who were working in intensive care unit at Nakhon Phanom Hospital

The study tools included the tools for developing a pre-post conference (a training course and group process) and the questionnaire on knowledge, attitude and practice towards pre-post conference. The content validity of the questionnaire was examined by 5 experts. The reliability was .52 for the knowledge part, .85 for the attitude and .94 for the practice. The data were analyzed by frequency, percentage, mean, standard deviation and paired t-test.

The results of the study revealed that the pre-post conference model composed of 4 elements : principles and objectives, scope of practice and characteristics of leader and participants, pre-post conference process and pre-post conference tools. The mean scores of nurses' knowledge, attitude and practice towards pre-post conference after the development were statistically higher than scores measured before the development at .05 significant level.

The results of this study indicated the pre-post conference developed by training and group participation could improve knowledge, attitude and practice of nurses towards pre-post conference which results the best quality of nursing care.