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RESEARCH BASED / NURSING EDUCATION / MODEL

SAOWANEE KARNDACHARUK : THE DEVELOPMENT OF RESEARCH BASED
INSTRUCTIONAL MODEL IN NURSING EDUCATION / THESIS ADVISOR: ASSO.PROF.
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The purpose of this research was to develop the research based instructional model in nursing education which was divided into 3 steps. The first was to study conceptual framework of research based teaching which showed that there were two characteristics of research based instruction : using the research process in teaching and learning and the analysis study of research results related to the contents. The second was to develop a research based instructional model appropriate to nursing education and the third was to test the model. The experiment was done in the course of Medical and Surgical Nursing III of Faculty of Nursing, Christian College in academic year 1995. The 48 subjects were divided into a group of 24, and randomly assigned to the experimental and control groups, which were controlled by the match-pair strategy, based on their GPA. The experimental group received the research based instruction while the control group received the traditional teaching styles. Modified essay question (MEQ) test, critical thinking test, attitude to research, research skill test and student practice reports were treated to and collected from each group 3 times : pre-experiment, post-experiment and follow-up period which was 4 months later. The data were analysed using t-test . The research results were as follow. 1) The experimental group obtained significantly higher MEQ test scores ($p < 0.05$) and had more inquiry mind than the control group. 2) Post-test of MEQ test, attitude to research, research skill and inquiry mind in the experimental group were significantly higher than the pretest scores ($p < 0.05$). 3) The post-experiment and the follow-up period scores in the experimental group were compared, the attitude scores were not significantly different but MEQ test scores, critical thinking, research skill and inquiry mind were significantly higher at the post-experiment period ($p < 0.05$). The study ascertain that the research based instruction can improve the performance, the inquiry mind, the attitude to research and the research skill of nursing students and a constant motivation may be required to improve the critical thinking of the nursing students.

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