

C786195 : MAJOR NURSING EDUCATION
KEY WORD:

COMPUTER ASSISTED INSTRUCTION / KNOWLEDGE / NURSING STUDENTS / DIABETIC
KETOACIDOSIS

SOPAPAN SAARD : EFFECTS OF TEACHING BY USING COMPUTER ASSISTED INSTRUCTION
ON KNOWLEDGE OF NURSING STUDENTS IN NURSING OF DIABETES MELLITUS
PATIENTS WITH COMPLICATIONS. THESIS ADVISOR : ASSO.PROF. POLICE MAJOR
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The purposes of this research were to compare the effects of teaching on knowledge of nursing students in nursing of diabetes mellitus patients with complication before and after being taught by Computer Assisted Instruction and to compare knowledge between the students who were taught by using Computer Assisted Instruction and those by lecture method. The sample were 30 third year nursing students of Baromratchonnee Srithanya College of Nursing selected by purposive sampling and divided into one experimental group and one control group, (15 each) by using Match Pair Design Method. Pre test - post test control group design was used in the study. The experimental group was taught by Computer Assisted and the control group was taught by lecture method. The research instruments were Computer Assisted Instructional programs and lesson plans and test of knowledge in nursing of diabetes mellitus patients with complications. The data were analyzed by mean , standard deviation and t-test

The Major finding were as follows

1. Knowledge of nursing students in nursing of diabetes mellitus patients with complications after being taught by Computer Assisted Instruction was significant higher than before at the .05 level.
2. Knowledge of nursing students in nursing of diabetes mellitus patients with complications in experimental group being taught by Computer Assisted Instruction was significant higher than those being taught by lecture method at the .05 level.

ภาควิชา คณะพยาบาลศาสตร์

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ปีการศึกษา 2539

ลายมือชื่อนิติศิต

ลายมือชื่ออาจารย์ที่ปรึกษา

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม