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KEY WORD: POSITIVE REINFORCEMENT/COGNITIVE TEACHING/KNOWLEDGE OF PROBLEM IDENTIFICATION AND PROBLEM SOLVING METHOD / PROBLEM SOLVING ABILITY

KUNWADEE ROJPAISARNKIT : EFFECTS OF POSITIVE REINFORCEMENT IN COGNITIVE TEACHING ON KNOWLEDGE AND PROBLEM SOLVING ABILITY OF STUDENT NURSES TOWARD MATERNAL AND NEWBORN HEALTH IN THE COMMUNITY ASSO.PROF.PRANOM ITHGANONT, Ph.D. 218 pp. ISBN 974-584-104-4

The purposes of this research were to study the effects of positive reinforcement in cognitive teaching on knowledge and problem solving abilities of student nurses toward maternal and newborn health in the community. The twelve student nurses, second year of bachelor degree curriculum in nursing, Bangkok Nursing College, were drawn selected by simple random sampling techniques. Bloom's Theory was used in cognitive teaching, the ability of memory, comprehension and application were development by explaining of theories, related concepts and problem solving method, the ability of analysis, synthesis and evaluation were, developed by using situation and field practice. Two plans of positive reinforcements, plan A and plan B, were used during teaching. Plan A, verbal and non-verbal positive reinforcement, was utilized when the student nurses responded correct answers. Plan B, verbal and non-verbal positive reinforcement was utilized for encouraging the student nurses when they can not response correct answers. Effects of positive reinforcement were evaluated by 2 sets of test developed by the researcher.

The major findings were as follows :

1. There were a statistically significant difference at .01 level between the score of knowledge of problem identification and problem solving method, and between the score of problem solving ability toward maternal and newborn health in community of student nurses before and after receiving positive reinforcement in cognitive teaching. The score after receiving positive reinforcement in cognitive were higher than before.
2. There were no statistically difference at .05 level on knowledge of problem identification and problem solving method, and on problem solving ability toward maternal and newborn health in community of student nurses spent 3 and 6 weeks on positive reinforcement on cognitive teaching.