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## Effects of teaching by using simulation in nursing care of premature newborn on nursing students' knowledge and opinion

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The purpose of this quasi-experimental research were to: Compare pre and post knowledge of nursing students' premature newborn nursing care by using simulation; compare the knowledge of nursing students' premature newborn nursing care between an experimental group and a control group and; study the opinion of nursing student after using simulation. The sample groups used in this research were 60 nursing students in 2014 academic year. The subjects were divided into two groups, 30 were assigned to be in control group and 30 were assigned to be in an experimental group by simple random sampling. The instruments were learning lesson plan using simulation, focus group question and test about premature newborn nursing care. The data were analyzed by using percentile, average and t-test. The research revealed that nursing students who were learning by using simulation had better scores in post knowledge about premature newborn nursing care than that in pre-knowledge; nursing students who learned by using simulation had better scores in post knowledge about premature newborn nursing care than nursing students who learned normally.

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