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The effect of high fidelity simulation on development of nursing students' physical examination skills

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The rapid changes that come with developing science and technology bring innovative approaches to health care and healthcare environments. This situation requires interactive and current teaching techniques in nursing education. To gain perfection for nurses and improve competency of patient care, one of the more effective learning methods adopted and used increasingly in nursing education is simulation. One of the main objectives of nursing education is to train nurses who are competent to improve patient care and provide patient safety. Reviewing the literature, one can see that simulation based teaching method is used in order to develop learners' physical examination skills, and the results are significant. With knowledge of this our study aims to evaluate the development of sophomore nursing students', who take physical examination course, skills of listening the sounds of lungs and intestines, through simulation conducted along with a scenario. The study's universe consists of 191 students who are studying in the second semester of the faculty of health sciences, department of nursing and taking physical examination course in the fall semester of 2017-2018 academic years. In the research, sample is determined by randomized method and 30 students will compose of sample group. Physical examination practices will be evaluated using a high-fidelity simulator (Meti-Man Prehospital Simulator) with a scenario. The research data prepared by the researchers will be collected using the personal information form which containing the descriptive characteristics of the students and bondy psychomotor skill evaluation scale. Skill evaluation of students' practices will be observed by two independent observers. The analysis of the data will be carried out using descriptive statistics; paired samples T test and interobserver agreement test, the results and recommendations will be shared.

Biography

Ayse Demiray has completed his PhD degree from Ege University in 2010. She is continuing her career as Doctor Lecturer in Duzce University. She is the director of Department of Fundamentals of Nursing. She has published more than 10 papers in reputed journals.

Notes:

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