Effectiveness of simulation in first year undergraduate nursing students in tertiary education setting

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Globally, simulation has been considered one of the vital component in nursing curricula. While much innovative pedagogies have taken momentum in imparting the nursing curriculum, simulation has emerged as a significant method that is being adopted to teach clinical courses. Evidence prove that simulation enhances the knowledge and skills of nursing techniques and also it impoves critical thinking and problem solving skills for the nursing students. It is quite evident that simulation is useful in creating a good learning environment which contributes to safety practice and confidence in the clinical settings. There are various types of simulation techniques utilized in the nursing education such a low-fidelity, high-fidelity, 3D and video unfolding case simulations. Due to rapid changes in clinical placements, patient safety issues and ethical concerns, students' direct experience with patient care and opportunities to handle problem-based clinical situations have been diminished. Simulation plays an important role in enhancing the students’ knowledge and skills and best prepare them for the clinical practice. Simulation offers the chance to increase the speed of acquisition of clinical skills to a defined level of competence by allowing the opportunity for repetitive practice at the learner's own pace. Therefore, to conclude, simulation is an effective method of teaching-learning strategy in an undergraduate nursing education curriculum.

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