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Effect of educational intervention on knowledge and attitude of nursing students regarding stem cells therapy

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Recent advances in science have proven that stem cell could potentially generate cure and treatment for various diseases including cancers, cerebrovascular and immune diseases. This promising evidence supports the hope of achieving stem cell therapy in the medical field. Nursing curriculum needs to be updated with the promising concept in order to equip future nurses with required knowledge for safe practice. The present study aimed at examining the effect of an educational intervention on knowledge and attitude of nursing student regarding stem cell therapy. A quasi experimental design with pre and post-test utilizing a convenience sample of 53 students was used to collect data using the knowledge and attitude of stem cell therapy questionnaire. Results showed poor knowledge about stem cells therapy in the pre-test with a remarkable improvement and statistical significance in the post-test. Although, student's knowledge in the pre-test was poor, they showed a positive attitude toward stem cells therapy in the pre-test and post-test. The study concluded that the educational intervention was effective in improving future nurse's knowledge and attitude regarding stem cells therapy. Further educational programs that utilize religious, cultural and social factors are crucial. Including such critical topics in nursing curriculum is also required.

Biography

Hend Mohamed Elazazy has completed her PhD at Alexandria University in 1995 and Post-doctoral studies at Tanta University, Collage of Nursing. She has published more than 15 papers in reputed journals, supervised seven master and doctorate thesis. She has worked as Dean of Collage of Nursing, Sultanate of Oman; Vice Dean of postgraduates and research affairs; Head of Quality Assurance and Medical Surgical department and; member of Faculty Council of Collage of Nursing, Egypt.

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