## Acceptance and Feasibility of Delivering an Evidence-based Digital Intervention for Palliative Care Education

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Abstract: Palliative care is a crucial element in nursing, especially with the steep increase in non-communicable diseases. Providing education in palliative care can help elevate the standards of care and address the growing need for it. However, palliative care has not been introduced into nursing curricula, specifically in Saudi Arabia, evidenced by students' inadequate understanding of the subject. Digital learning has been identified as a persuasive and effective method to improve education. The study aims to assess the feasibility and accessibility of implementing digital learning in palliative care education in Saudi Arabia by investigating the potential of delivering palliative care nurse education via distance learning. The study will utilize a sequential exploratory mixed-method approach. Phase one will entail identifying needs, developing a web-based program in phase two, and intervention implementation with a pre-post-test in phase three. Semi-structured interviews will be conducted to explore participant perceptions and thoughts regarding the intervention. Data collection will incorporate questionnaires and interviews with nursing students. Data analysis will use SPSS to analyze quantitative measurements and NVivo to analyze qualitative aspects. The study aims to provide insights into the feasibility of implementing digital learning in palliative care education. The results will serve as a foundation to investigate the effectiveness of e-learning interventions in palliative care education among nursing students. This study addresses a crucial gap in palliative care education, especially in nursing curricula, and explores the potential of digital learning to improve education. The results have broad implications for nursing education and the growing need for palliative care globally. The study assesses the feasibility and accessibility of implementing digital learning in palliative care education in Saudi Arabia. The research investigates whether palliative care nurse education can be effectively delivered through distance learning to improve students' understanding of the subject. The study's findings will lay the groundwork for a larger investigation on the efficacy of e-learning interventions in improving palliative care education among nursing students. The study can potentially contribute to the overall advancement of nursing education and the growing need for palliative care.

Keywords: undergraduate nursing students, E-Learning, Palliative care education, Knowledge

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