

Web-Based Learning in Nursing: The Sample of Delivery Lesson Program

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Abstract : Purpose: This research is organized to determine the influence of the web-based learning program. The program has been developed to gain information about normal delivery skill that is one of the topics of nursing students who take the woman health and illness. Material and Methods: The methodology of this study was applied as pre-test post-test single-group quasi-experimental. The pilot study consisted of 28 nursing student study groups who agreed to participate in the study. The findings were gathered via web-based technologies: student information form, information evaluation tests, Web Based Training Material Evaluation Scale and web-based learning environment feedback form. In the analysis of the data, the percentage, frequency and Wilcoxon Signed Ranks Test were used. The Web Based Instruction Program was developed in the light of full learning model, Mayer's research-based multimedia development principles and Gagne's Instructional Activities Model. Findings: The average scores of it was determined in accordance with the web-based educational material evaluation scale: 'Instructional Suitability' 4.45, 'Suitability to Educational Program' 4.48, 'Visual Adequacy' 4.53, 'Programming Eligibility / Technical Adequacy' 4.00. Also, the participants mentioned that the program is successful and useful. A significant difference was found between the pre-test and post-test results of the seven modules ($p < 0.05$). Results: According to pilot study data, the program was rated 'very good' by the study group. It was also found to be effective in increasing knowledge about normal labor.

Keywords : normal delivery, web-based learning, nursing students, e-learning

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