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Transforming healthcare education and training through electronic learning management system integration in a tertiary care hospital

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Technological innovations have been shown to improve the quality of health information and improve safety in health care systems. The purpose of this project was to offer a more flexible and practical alternative to education and training than the traditional face-to-face method, supporting healthcare educators in overcoming many of the obstacles in responding to nurses' needs in the clinical areas. A randomized, 2-group control experimental design was adopted. A total of 130 randomly chosen participants were equally distributed to experimental group (received a new instructional approach using an electronic learning management system (ELMS)) and the control group used the site's traditional standard method. Data analysis showed a significant difference between the 2 groups' posttest scores (p<.00), indicating that the participants who used the innovative ELMS method attained a higher median knowledge than the participants who received traditional, face-to-face instruction. These results suggested that this innovative ELMS-based learning is an effective method of instructional delivery that could effectively replace many of the traditional face-to-face education programs and support clinical educators to improve healthcare education at the clinical areas.

Biography
Ahmad Tassi is an Assistant Professor in the Department of Nursing, Faculty of Health Sciences, Beirut Arab University, Beirut, Lebanon.

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