

عنوان مقاله:

Importance of Infrastructure and Learners Readiness for Administration of E-Learning in Undergraduate Medical Education

محل انتشار:

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خلاصه مقاله:

BACKGROUND: A combination of teaching modalities instead of a single method may enhance learning. The purpose of the current study was to evaluate the effectiveness of integrating e-learning modules into the syllabi of clinical contents from different clinical majors at different levels. **METHODS:** A total of 108 undergraduate students enrolled from various clinical majors, and participated via using sub-syllabi from gynaecology courses in classroom-based sessions and e-learning modules. All students were proposed to attend pre- and post-test sessions in addition to training. Prior to being admitted to the study, all participants filled out a questionnaire regarding their attitude toward, and desire to participate in, e-learning. **RESULTS:** Mean exam grades increased significantly in 3 items including Abnormal uterine bleeding (from 1.28 ± 1.11 pretest to 2.3 ± 1.11 post-test), Breast masses and malignancies (from 2.61 ± 1.3 pretest to 3.9 ± 1.11 post-test) and Gestational trophoblastic Neoplasia (from 1.12 ± 1.04 pre-test to 3.58 ± 0.76 post-test). **DISCUSSION:** The Results dramatically demonstrated that access to suitable infrastructure and students' readiness are crucial prerequisites for e-learning and without them, lack of collaboration and engagement of the learners significantly diminish effectiveness and usability of the learning material, despite high quality content provided within suitable environment.

کلمات کلیدی:

Electronic Enhanced Learning, Gynecology Training, Interactive Learning, Educational interventions

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