

The Impact of Technology Enhanced Learning and Teaching on the Knowledge, Attitude and Practice of Maternity and Newborn Health Nursing Students in Beni-Suef University

Background: The past few years have seen rapid advances in communication and information technology, and the pervasion of the worldwide web into everyday life has important implications for education. Most nursing schools provide extensive computer networks for their students, and these are increasingly becoming a central component of the learning and teaching environment. Such advances bring new opportunities and challenges to nursing education, and are having an impact on the way that we teach and on the way that students learn, and on the design and delivery of the curriculum. **Aim:** assessing the impact of technology enhanced learning (TEL) on maternity nursing students' knowledge, attitude and practice of a part of the tutorials. **Subjects and Methods:** Maternity health nursing students were randomly allocated into two groups; group A was admitted to TEL lectures and group B was admitted to regular traditional lectures. A well designed questionnaire and a checklist were used to evaluate the knowledge, attitude and practice of students regarding the stages of labor before and after the courses. **Results:** Students who were admitted to the specially designed TEL lecturing program showed significant improvements in their attitude, knowledge and practice scores (P value < 0.001). The scores of knowledge, attitude and practice of those who were admitted to TEL lecturing program were significantly higher than those who were admitted to regular traditional lectures given by the same lecturers (P value < 0.001). **Conclusion:** TEL lectures were proved to offer learners control over content, learning sequence, allowing them to tailor their experiences to meet their personal learning objectives.

Keywords: Technology - enhanced learning, Maternity, Nursing education