

Production of educational content for practical limb and pelvis anatomy lesson tutorial

Abstract

Background: One of the goals and programs of the educational transformation plan in the field of medical education is the expansion of virtual education in universities. The lack of a suitable source suitable for practical anatomy courses was a need that was felt during the interviews with the students.

Aim: The production of educational content is based on educational multimedia according to the topics of practical medical courses so that this educational gap can be answered with its help.

Materials and Methods: This content in the form of an educational DVD contains 8 full hours of video content, nearly 200 educational photos and a question bank containing more than 150 four-choice questions.

In order to evaluate, the researcher's designed educational content quality evaluation questionnaire was used. This study was conducted on 70 medical students. The resulting data were analyzed with the help of SPSS 26 software and its strengths and weaknesses were analyzed.

Results: The minimum score obtained is 116, which is equivalent to 54% of the score, and the maximum score is 215. The average score obtained for the content is 184.94, which is equivalent to 86% of the evaluation score, which is a good score.

Conclusion: With the implementation of this plan, we have taken steps to achieve goals such as the production of educational content for the practical anatomy course, easier access to the materials, and the creation of educational multimedia in order to improve the education of the ophthalmology course unit.

Key words: practical anatomy, content production, multimedia, medical education, pelvis anatomy, limb anatomy