



E-LEARNING COURSE BASIS OF HARVEST AND PRESERVATION OF TISSUES – EXPERIENCE FROM PRE-VERIFICATION AND VERIFICATION STAGE

Měříčka Pavel, Štěrba L., Straková H., Navrátil P., Honegrová B.

Faculty of Medicine in Hradec Králové, Charles University in Prague

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The aim of the paper is to review the authors' experience from pre-verification and verification stage of the use of the e-learning course introduced into teaching an elective subject in the academic year 2011/2012. The pre-requisites of the course were basic knowledge of medical biology, biophysics, anatomy and physiology and study of selected chapters of the textbook: Transplantology for Medical Students.

The course was divided into 3 main topics: Donation of tissues and Organs, Low temperature preservation of tissues and organs, Safety and Quality Assurance in tissue and procurement establishments. The fourth topic: Basic procedures in the Tissue Establishments served for enlarging and repetition of knowledge. The fifth topic was represented by database for uploading the seminar theses. To complete the course the students were obliged to pass through the final knowledge test consisting of 15 questions selected randomly from the bank of questions. At least 10 correct answers were required to receive the certificate.

In the pre-verification stage (academic year 2012/2013) the total of 26 students were enrolled in the course. They used it for studying and/or downloading the study materials and preparation and archivation of seminar theses. This initial experience has already been published.

Verification of the course was made on the group of 18 undergraduate students enrolled in the academic year 2013/2014. All students were able to pass through the final knowledge test without apparent problems. Evaluation of the questionnaire filled by the participants showed that the majority of the students appreciated use of the course as a useful support of standard face-to face learning. Only exceptionally (in two cases) the students were convinced that the course could replace the standard teaching/learning process.

The presented course has already become the standard part of teaching an elective subject Basis of Harvest and Preservation of Tissues at the Medical School in Hradec Králové. Its verification will be however continued in the next academic years.

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