



# E-LEARNING IN MIDWIFERY TECHNIQUES

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## **D2.4 ICT ADVANCES FOR EDUCATION IN HEALTH CARE SCIENCES**

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The contribution is focused on presentation of the project which goal is to develop a study program for techniques in midwifery in an e-learning course form. Through the e-learning, this modern teaching method, we want to arrange dynamic connection between theory and practice focused on development of practical skills of midwives. Rationale and advantage of the e-learning education emerge from overloading of clinical settings by students and their limited access to some diagnostic, therapeutic procedures and nursing interventions.

KEGA project titled “Innovation of a content, form and methods to promote practical skills in midwifery (E-learning education)” financially supported by the Ministry of Education of the Slovak Republic (KEGA registration number 057UK-4/2013) is aimed as a study material for students of bachelor study program midwifery at the Jessenius Faculty of Medicine, Comenius University in Martin. It has a form of e-learning so called blended learning where we try to combine information and communication technology with a traditional presence teaching. The software package Learning Management System Moodle is used to development, distribution and administration of the course. The software package enables creating of courses with various levels of dividing and graphical design and is provided on the University server <http://moodle.uniba.sk>.

The goal of the presentation is to present selected parts of the prepared e-learning educational techniques in midwifery consisting from audio-visual teaching elements (texts, pictures, animations, videos, tables...) through various media making possible for students more clearly, illustratively and better understand selected themes and to create prerequisites to gain practical skills. It is beneficial in teaching of nursing techniques course which is practically aimed and numerous procedures, tools should be seen to be remembered for students.

The main themes, chapters of the textbook are: Prenatal care for pregnant women, Physiologic delivery, Postpartum period, Care for a newborn, Investigation methods in gynaecology and obstetrics. The chapters are further divided into subchapters. In the presentation, we present the subchapter “Bathing of a newborn”. This procedure ranks among basic skills which should be handled by students of midwifery during their undergraduate study. This procedure is demonstrated in a video form with textual description.

Through e-learning teaching we want to contribute to meet education goals in students, their improvement, more effective, flexible, faster and attractive gaining of knowledge and skills needed to handle of techniques in midwifery in real life conditions of clinical settings with widened possibility of self-study as well as with goals to promote knowledge of information technologies.

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