

## **Enhancement of Information Technology Skills Among Healthcare Professionals in the Teaching Hospital Olomouc (Czech Republic): First Experience**

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The running project is based on the 10-year-experience in the developed countries that have adopted the theory of 'learning organizations' and realized their responsibility for long-life education of the staff. These changes are partly due to increasing implementation of modern information technology (IT). The process is particularly challenging in the health care industry where IT is putting heavy demands on new skills and competences of health care professionals. The goals of the project are as follows:

- assessment of the contemporary state of computer literacy among health care professionals in the Teaching Hospital Olomouc
- definition of standard levels of IT knowledge for different categories of health care professionals in view of clinical, nursing and biomedical information.
- development, introduction and practical verification of a modular training course in IT
- equipment of model clinical departments with modern devices to support the use of IT (electronic card scanners, multifunctional hand-held computers for bedside patient documentation, transnotebook for parallel electronic and paper-based records).

The most important outcome expected is motivation of the staff to improve their technoliteracy and better health and nursing care provided by the Teaching Hospital Olomouc.