



### **Fund “Nauka” Project № 15003 Resume**

“Virtual infrastructure in the Medical University of Varna clinical structures: electronic generation, keeping and storage of medical history”

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The virtual infrastructure of the medical structures is the future of clinical management, and the electronic files are the first prerequisite for this innovative approach.

The medical records electronisation is important not only for improvement of the quality and effectiveness of the treatment, but also for long-term control over the treatment process, audit of medical activities, as well as research and teaching work. This interdisciplinary project has the ambitious task of developing an algorithm and implementing a system for electronic creation and keeping a history of the disease, which will then be printed and kept as a hard copy. The envisaged platform will allow compatibility with other systems and export of information in order to form epicrisis and stage epicrisis, as well as different types of documents in accordance with the requirements of the National Health Insurance Fund (NHIF) and the Ministry of Health.

The project is in accordance with the scientific priorities of MU-Varna and can be applied in all areas of medicine in order to easily, effectively and uniformly to generate a history of the hospitalized patients. Pilot testing/ study of the project’s potential is planned in UMHAT „St. Marina“, the largest base of MU-Varna. It has the potential for overall assessment of the created product. The project will involve many young scientists in order to use their potential for subsequent rapid implementation in all bases of MU-Varna.