

Parallel Sessions B
B1 – Managing the Virtual Library

Friday, September 20, Room B, 11.30

Project of the Medical Virtual Library (MEDVIK) in the Czech Republic

Bouzková, H; Lesenková, E S; Jarolímková, A; Oimanová, R
Bouzková, Helena: National Medical Library, Director, Sokolská 54, Prague 142 00, Czech Republic,
bouzkova@nlk.cz

In the Czech Republic the medical information resources are placed in the special medical libraries in size about 2 million printed volumes of the special literature, 1300 unique titles of biomedical journals and 1200 online versions of these magazines. At present the information resources including the bibliographic or full-text databases are shared only on the level of individual autonomous library information systems. The interoperability of the library information systems in the Czech Republic is possible on the basis of technological methods of solution supporting by the communication protocol Z 39.50 and by other tools. These tools are not installed in all library information systems yet.

Within the framework of a program of the Czech Ministry of Education in the projects concentrated on information resources for science and research in 2000 – 2003 years, the National Medical Library has obtained financial resources for the solution of the project named The Medical Virtual Library /MEDVIK/ - Network of Information Resources for Science and Research. The project is focused on developing MEDVIK /The Medical Virtual Library/ as a tool for sharing information resources for the benefit of medical science and research. Special emphasis is paid to an extending the scope and quality of provided services.

Institute for Postgraduate Medical Education, Institute for Clinical and Experimental Medicine and Institute for Hematology and Blood Transfusion are the participants in the project. They cooperate on a development and on a consecutive implementation of the integrated software tool for MEDVIK which is based on the INTERNET technologies.

The project aim is the connection of autonomous and various library information systems of four solution organizations to one integrate virtual MEDVIK space. It will provide the complex relevant services accessible in the real time from the information medical gateway with the possibility to spread the develop technology and methodology into the national network of medical libraries .

As core of the developing software MEDVIK was chosen the new complete integrated system DAWINCI which supports any SQL database with a strong complement of TOPIC full-text capabilities. DAWINCI provides a full support of MARC, AUTHORITY, Z 39.50, MeSH (Czech version), ISO 2709, AACR2. This special software is going to allow the development of the integrate base of present medical libraries which will be open to a complex automation of the interlibrary loan processes, document delivery services and administration processes.

An aggregate database of the created MEDVIK system is going to become a part of “Uniform information gateway for hybrid libraries in the Czech republic” using the MetaLIB and SFX software.