

Perspectives of the Health Informatics in Czech Republic



**Informatics is integrated part
helps to carry out effectively all
administrative tasks in the
health sector**



Contemporary trends in information and telecommunication technologies

- Expansion of nets
- Mobile technologies
- Move up of hardware and software capabilities



This is the
reason why

**Information systems can be accessible
anytime and anywhere with adequate security**

The use of new information technologies in Health Care sector depends on:

- Finances
- Legislation
- Executive

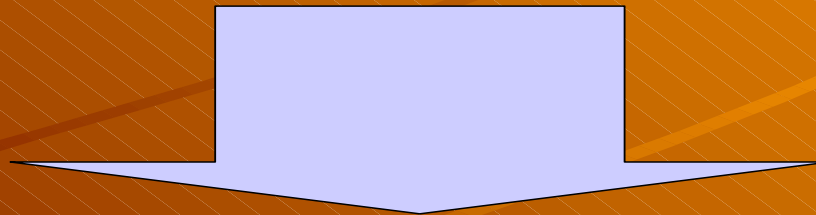


Asset of the new information technologies in health sector:

- For health care providers
- For controlling of health sector

Asset of the new information technologies for health care providers

- Facilitate patients data transmission
- New tools, new diagnostic possibilities



Improving the quality of health care

Asset of the new information technologies for health care providers

- Decrease of unnecessarily repeated surveys
- Decrease of waiting time for surveys, operations etc.
- Improvement of diagnostics possibilities



Cut price and improvement of the health care

Asset of the new information technologies for controlling of the health sector

- Continuous evaluation costs and benefits of health care providers (region, hospitals, departments, patients, diagnoses, etc.)
- Evaluation of the quality in health care (comparison of statistic data from region, hospitals, whole state)

Continuous
control
of financing and
quality



To make clear of financing

Transmission of the health information

- **Prerequisite for all information systems is personal sensitive data protection**

Intercommunication of the government information systems

- They have to ensure data sharing and data protection
- Two basic laws for citizens are:
 - access to all his own records in government IS
 - possibility to initialize data update



Electronic identifier – safety key to data

- Verification for access to electronically save data
 - electronic identifier of health care providers
 - electronic identifier of health insurance insuree



Electronic prescription

- Use

- sharing registers
- sharing safe interfaces
- and electronic identifiers



Conclusion of this theme

Information and telecommunication technologies in health care:

- They allow to improve quality of the health care
- They allow to compare quality of the health care and it's costs in regional and state level
- To make clear of financing and improvement of financing
- Important factor is electronic identifier

Web pages of the Ministry of Health

www.mzcr.cz

