



Implementation of electronic healthcare in the Republic of Bulgaria

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Main facts about Bulgaria



Bulgaria:

- Area : 111 000 km² , divided in 28 regions
- Capital : Sofia
- Population : 7 500 000
- Religion : Orthodox - 85% , Muslim - 10% , 5% - others
- Borders: Romania, Turkey, Greece, Macedonia, Serbia and the Black Sea

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Prerequisites for E-health establishment



- EU membership
- NATO membership
- One of the main government priorities - E-health
- Deteriorating health of the Bulgarian population
- Increasing death rate and aging problem
- Demographic problems
- E-Health strategy – a part of The National Health Strategy 2006

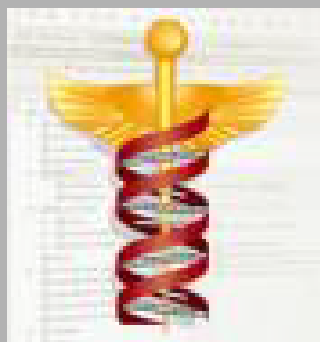
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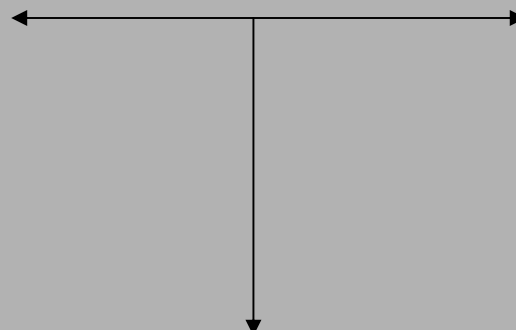
Definition of e-health



Communal medicine



Medical informatics

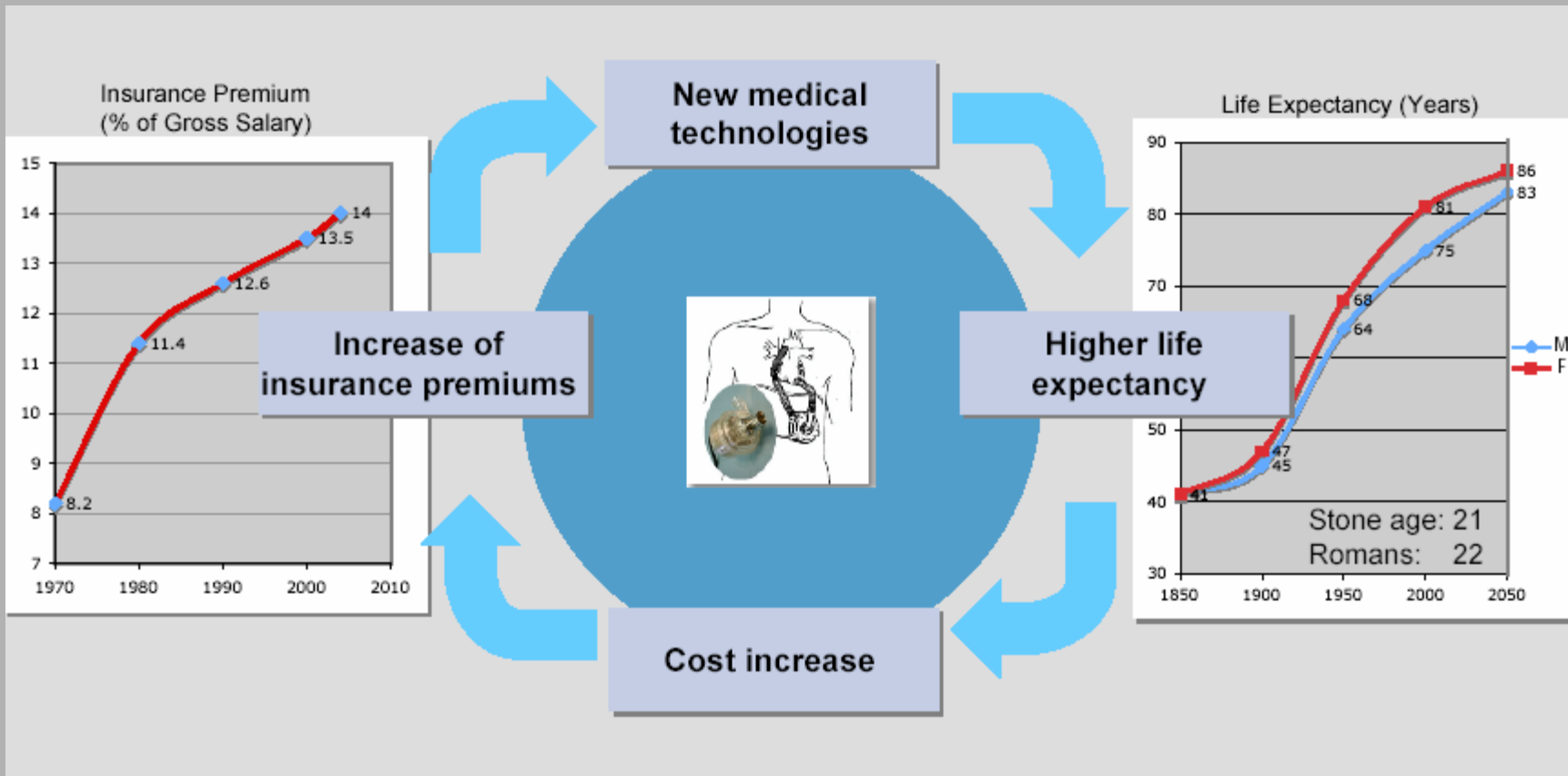


Improvement of healthcare services

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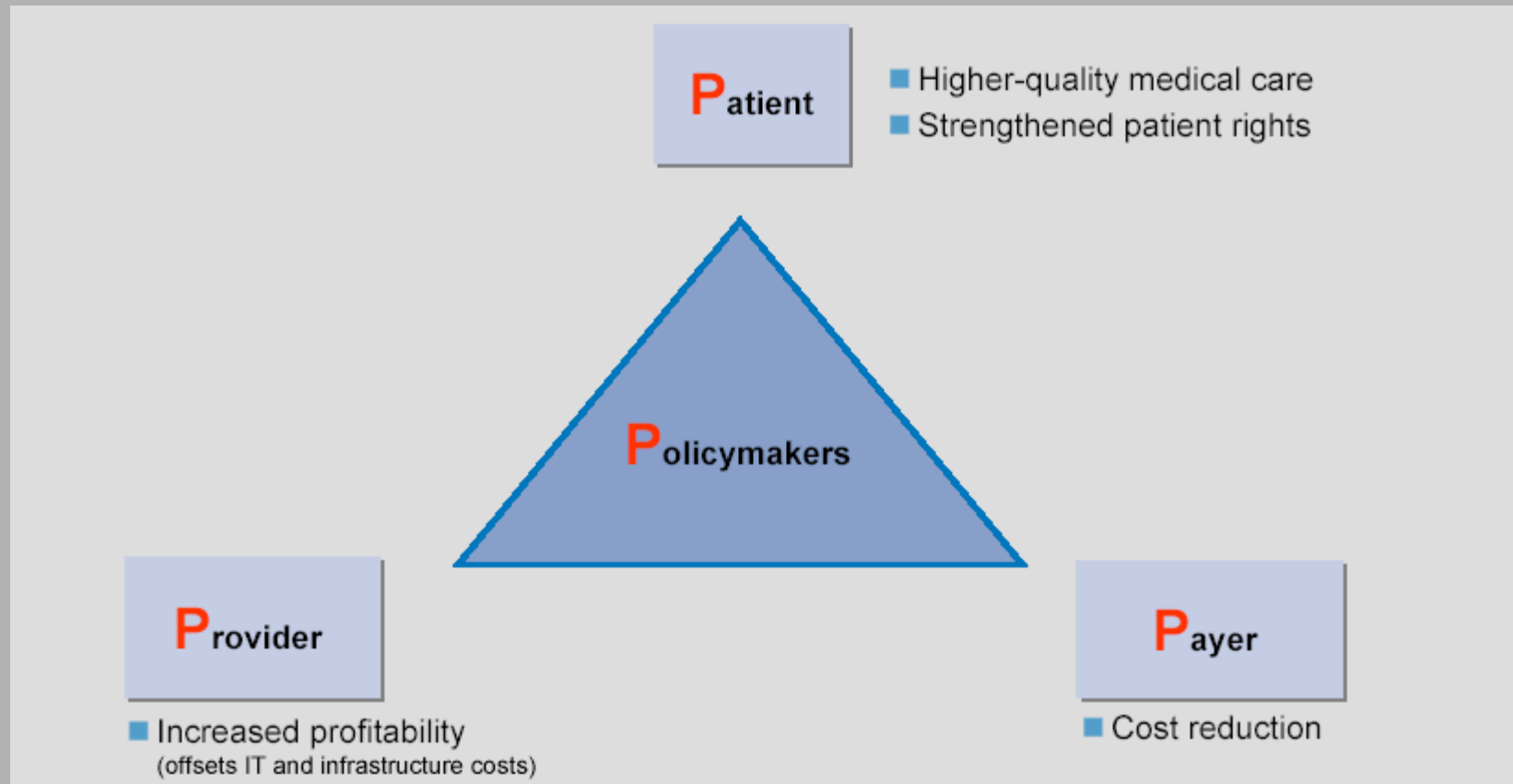
Main process



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Main parties involved



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Main benefits



Patients

- Health awareness
- Health prevention
- More Information about the health status

Health Specialists

- Fast and easy access to information
- Performing complicated interventions remotely
- Access to specialized educational resources

Health Managers

- Access to the best practices for healthcare management
- Better planning

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Legal framework



- **European legal framework**
- **National legal framework**
 - Protection of personal data and health information
 - Information access
 - Authorship and integrity
 - Protection of users rights
 - Protection of intellectual and industrial property.

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Current state



- **84% from the GPs in Bulgaria use computers**
- **Between 14% and 19% form the GPs have Internet access in their offices**
- **Only 2 % to 4 % from GPs exchange electronic data among each other**
- **There are hospital information systems in less then 10 % of the hospitals**
- **The low computer availability for the specialists in the pre-hospital assistance is an obstacle for the electronic exchange of health information.**
- **Lack of national standards and policies for security for exchange and storage of medical information**

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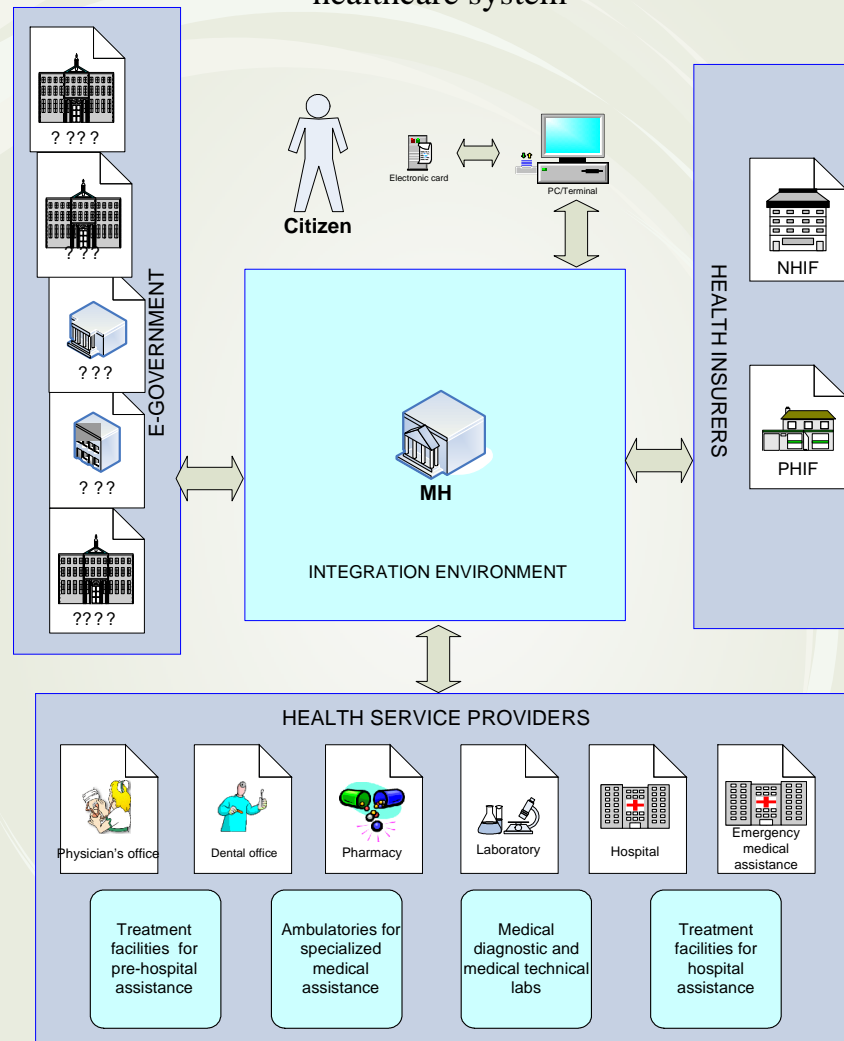
What should be done



- Connectedness on a national level
- Establishing national standards for confidentiality of medical information
- Building working telemedical applications
- Building of systems in accordance with the rules for operational compatibility
- Building effective health portals for the healthcare system
- Establishment of common license policy in the healthcare system

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Common scheme for the future operation of the electronic healthcare system





Priorities for the 2006-2012



Creation of:

- Information system for the National Health Insurance Fund
- Building the necessary infrastructure for normal operation of the healthcare system – networks, connectors and others.
- Electronic Health Cards
- Hospital information systems
- Electronic Health Record

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Activities



- Building of information system for data exchange between the healthcare staff
- Standardization and information security
- Building of awareness and education
- Application of good practices and operational compatibility

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Management



- Minister of Healthcare
- Council of Coordination
 - Ministry of Healthcare
 - NHIF
 - State Agency for IT
 - NGO's, Doctor's Union, Patients' organizations
- E-Health department

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Financing



- State budget - 3-5% from the whole budget for healthcare
- International funds – project based
- Other sources: sponsors, donation programs

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НАРОДЕН ТЕАТЪР - ИВАН ВАЗОВ

Thank you for your attention!

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