Advanced use of information solutions in Estonia

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16.04.2018
IT success story since 2004

E-billing system – 2004 (5 million invoices p.a.)
Health Insurance Data Exchange – 2005
Supplementary compensation for pharmaceuticals – 2006
European Health Insurance Card – 2007
Other health insurance e-services for citizens in Governmental Citizen Portal (www.eesti.ee) – 2005-2010
ePrescription – 2010 (10 million prescriptions p.a.)
eTVL (electronic sickness benefit system) – 2012-2015 (340th claims p.a.)

Plus interoperability (e.g. insurance eligibility, prescriptions) with govt e-health system (e.g. patients’ gateways)
The development of e-services has become an increasingly important factor for ensuring the quality and accessibility of health care services

**E-prescription system development**
- Pharmaceutical interactions to minimize risks for multi-medication
- Availability of patient data to evaluate and manage active and ongoing treatments to avoid underuse, misuse or overuse of drugs

**Better e-services for partners**
- E-invoicing
- Quality measurement
- Management of contracts (financial and general part)

**Care integration and accessibility**
- E-consultation – Consultations between doctors throughout different care settings
- E-referral
- Digital registration
We are in the process of developing healthcare decision support

- Mainly for primary care practitioners and nurses
- Interactive and integrated to current tools physicians already use
- Taking patient history, health records and past treatments and combining patient data with evidence-based treatment guidelines (Estonian and International), research and algorithms
- Tailored and targeted recommendations for treatment for each patient, enhancing personalized medicine in Estonia
- Increasing quality of healthcare services of the primary care level, increasing the effectiveness of preventive care
Thank you!

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