Evaluation of the Styrian Personal eXray-Record

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Overview

1. eXray-Record and the PALANTE project
2. User expectations
3. Evaluating Patient Empowerment in Online Services
4. Results
EU project PALANTE

- **PATients Leading and mANaging their healThcare through Ehealth**
  - 21 partners / 7 pilots
  - 2011 – 2015

- **Main objective:**
  **Patient empowerment via eHealth**

The PALANTE project has received funding from the European Union’s ICT Policy Support Programme as part of the Competitiveness and Innovation Framework Programme under GA No. 297260
PALANTE Pilot 5

• Austrian eXray-Record
  – Add-on to existing patient portal
  – Styrian Hospital Cooperation KAGes

• Released to the public: October 2014

• Usage as of March 2015
  – 1,400 sessions via the hospital information system
  – 270 from the patient’s home
User expectations

• Patients
  – Cumulative exposure made available
  – Reduction of unnecessary examinations
  – Improved communication with professionals

• Professionals
  – Quality assurance and improvement
  – Open discussion with patients
  – Reduction of radiation anxiety
Evaluation Framework

- Technology Acceptance Model (TAM)
- **Patient Activation Measure (PAM)**
- Education and pre-existing knowledge
- Comparable to other PALANTE pilots
Evaluating Patient Empowerment in Online Services

• Patient Activation Measure (PAM)
  – Self-responsibility
  – Knowledge
  – Behaviour change
  – Keep objectives under stress

• Setting
  – Secure online Electronic Health Record
  – Mobile signature for authentication
  ➢ Online questionnaire
Results

• User profile
  – IT-savvy
  – Of higher education
  – Worked at least a month in the health care sector

• Users are empowered
  – They feel responsible for their own health
  – They are now able to track cumulative medical exposure with the eXray-Record
Thank you for your attention

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https://www.youtube.com/watch?v=oMDTu7jegTg