

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

- **P**Atients **L**eading and **m**ANaging their **heal**Thcare through **E**health
 - 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



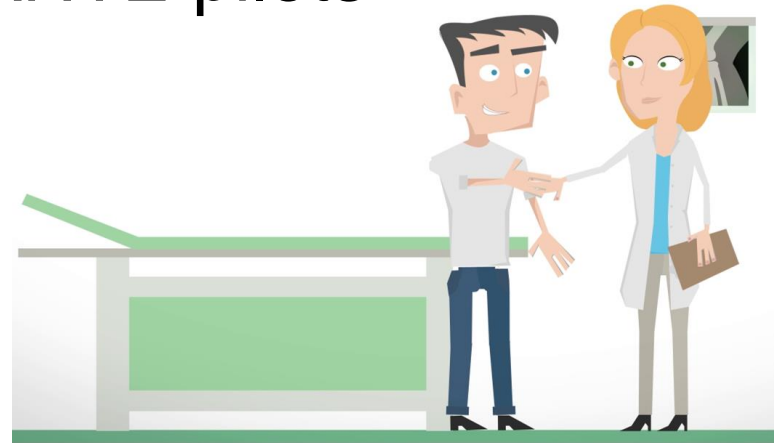
- Professionals

- 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



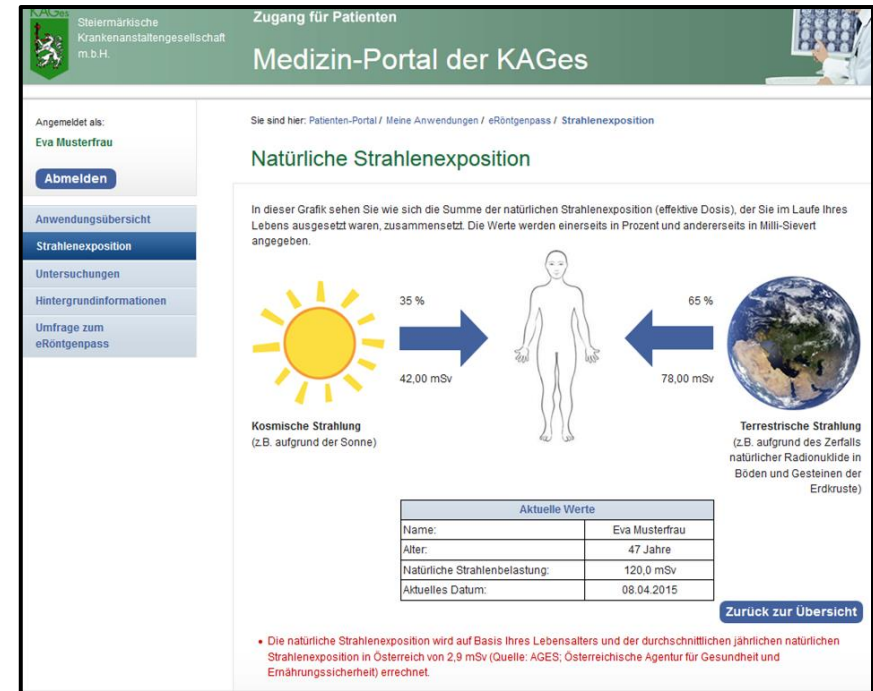
Evaluating Patient Empowerment in Online Services

- 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



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

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