TNO | Knowledge for business



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Empowering Care Consumers with Personalized eHealth and Telecare Applications for Self-Management

Main Issue: Patients need to perform self-management which require health literacy and competencies

Situation in Healthcare

- Aging of the population
- Rising number of (chronic) patients with multiple illnesses
- Increasing burden on health care service
- Shortage of health care workforce
- Stronger position patients & care consumers

Potential Improvements in Health Care

- Reduction of gap between care demand and supply
- More patient responsibility for own health
- Governmental push for Disease Management
- Patient Empowerment (PE) supported by Information & Communication Technology

Scenario

ICT Applications for Patient Empowerment

1. Personal Health Record (PHR)

3. Decision aids

4. Virtual coaching

5. Tele-monitoring

2. Personalized/Contextualized information

6. Central platform for eHealth services

Aligned with health care organization

Laura has Diabetes Type II. As a result, she is faced with the challenge to cope with her chronic disease, while maintaining a good quality of life.

Patient Empowerment: Process through which people gain greater control over decisions and actions affecting their health (WHO 1998)



Discussion Min kalender Min Min</



Following you see an overview of you measurment results.

Click the on the measurment result to receive feedback in lign with your goal and to get additonal information about the implications of the result.

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PHR for gaining insights in own health condition and self-management activities

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Virtual Coach for motivating attainment and maintenance of self-management goals

Change Goal

Outcome Measures

- Patient involvement, health and quality of life
- Medical professional satisfaction
- Care process quality and efficiency

Recommendations

- Multidisciplinary User-Centered Design and implementation for ICT-based PE solutions
- Further PE evidence-based practices
- Reallocation of care activities



Close

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