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eMedic Project – Developing New Practices for Teleconsultation and Diabetes
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www.emedicproject.eu
Aim: to accelerate and ease the treatment of diabetes with the aid of eHealth solutions

FOUR PILOTS.

1. Self-monitoring pilot aims to enhance diabetes patient’s quality of life and care balance with new self-monitoring devices that send the health data automatically (bluetooth) to patient health record which can be accessed by patient and health care professionals.

2. Physical activity pilot gives smart phones with Sports Tracker application to patients with type II diabetes. Pilot aims to study a virtual community enhancing the physical activity of diabetics.

Preliminary results show that self-monitoring has been an excellent way to support patient’s self-care”: increased compliance, patient motivation and better balance of the disease are possible with simple and frequent monitoring of e.g. blood sugar levels.
3. Video consultation through iPad has been piloted in pediatric care in Hospital Managed Advanced Home Care for Children.

4. Teleconsultation pilot develops and implements new ways of consultation for practitioners taking care of patients with diabetic wounds. Wound care teleconsultation service has two assemblies: mobile and fixed devices.

Emphasis has been put to anchoring the new developed processes into daily routines in home care, primary health care centres and in specialized health care units.
Methods, preliminary results and recommendations

eMedic concentrates to examine **user experiences** with focus group interviews and **usability** with SUS (system usability scale) and Kaplan 4C. Pilots have also collected data in order to search for **clinical correlations. CBA** using PENG-model and **BPA** have also been made. Research will be finalized during spring 2014.

By using remote consultation devices, expertise has been available on the spot and therefore the process of wound care has been **smoother** and **time-saving** for professionals and for the patients – as expected. eMedic’s new service models have already been **adopted** as a part of the care processes. However, the **reluctance** to the technology of health care professionals has been a clear drawback.

eMedic has developed new **eHealth process descriptions** (implementing the follow-up of the multi-professional care processes and patient’s care path, according to JHS 152 Process Description model) and **eHealth training** to support the deployment and implementation of the new services. eMedic recommends health care organisations to create **eHealth coordinator** positions and HEI’s to develop eHealth studies in order to make deployment of eHealth solutions smoother and to motivate the professionals in their work in the near future.