

We are interested in Partnerships:

- ✓ You can use our Telematics Platform to host your applications. This is the way to real products.
- ✓ The Telematics platform performs the following tasks for you:
 - Data Encryption
 - Secure Data Storage
 - Suitable Visualization
 - Online as web-based application
 - Administration and Authentication of users
- ✓ You can use our telemedical applications or order one meeting your needs. Adaptations can be done according to your requirements.
- ✓ Do not hesitate to contact us for any partnership wish.

A sample of projects in which we are partner:

- ✓ FEARLESS/AAL: Home assisted living for elderly
- ✓ eHealth-MV: Fitness and Stress Monitoring

A sample of our strategic partners in health area:

- ✓ Artificial life, inc.
- ✓ Institute for Preventive Medicine, Rostock University, Germany
- ✓ Institute for Automation Technology, Rostock University, Germany
- ✓ Clinic for Skin Diseases, University of Greifswald, Germany
- ✓ Clinic for Diabetes and Metabolic Diseases, MEDEGREIF, Heringsdorf, Germany
- ✓ Hospitals in China (Beijing, Changsha, Guangzhou)
- ✓ United Arab Emirate Ministry of Health
- ✓ Novo Nordisk, Denmark
- ✓ Diagnostic Clinic of Houston, Texas, USA
- ✓ University of Alabama, Huntsville, USA
- ✓ M-Health, South Africa

Dermatology Application with Infokom



Mobil Neurodermitis

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Mobil Neurodermitis

"Mobil Neurodermitis" is a telemedicine mobile application for assisting both the therapy process and the aftercare monitoring of dermatology patients. The system consists of two main components: an application implemented on the mobile phone (Fig. 2) to enable patients feeding in both skin image data and bio-feedback information and an online portal for doctors to analyze the sent patient data (Fig. 3).

The application can be used by patients suffering from neurodermatitis and other serious skin diseases.

Features of "Mobil Neurodermitis":

- ✓ Easy-to-use and quick data input for photo and text entries
- ✓ An interactive graph to track and visualize data
- ✓ PDF Summary of entries which can be exported to other applications.
- ✓ User friendly design and secure online portal for the dermatologists in order to analyze patients' data and feedback.
- ✓ Excellent image quality thanks existing smart phone's camera resolution.
- ✓ Administration system which allows besides the registration of several hospitals to the same system also the registration of patients and of medical doctors.
- ✓ Assignment of patients to specific medical doctors for a defined time period.
- ✓ Flexible and robust Telematics' Platform which does guarantee a secure data communication and is capable of supporting several types of telemedical applications.

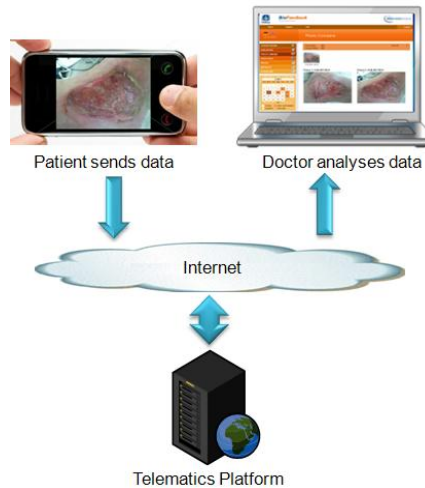


Fig. 1. Mobil Neurodermitis, System overview

The PDA Application enables the patient to manage his data anytime and anywhere. A program-assistant which guides the patient through the 3-steps from taking photo to sending data to the Telematics Platform, Fig.2.



Fig. 2. Mobil Neurodermitis, Mobile Phone Application-GUI

The first step is taking photo, the second one is entering the disease related information. These will then be associated with the taken photo so that the doctor could get photos with corresponding state feedback from the patient as shown on Fig. 2.

The last step is the data transfer by clicking on one button. In this step, a communication to the TMP will be automatically initiated by using one of the available communication channels: UMTS, GPRS, etc...



Fig. 3. Mobil Neurodermitis, Doctor Portal

All patient's entries are saved and used to generate simple and informative graphs for patients and caregivers Fig.4.

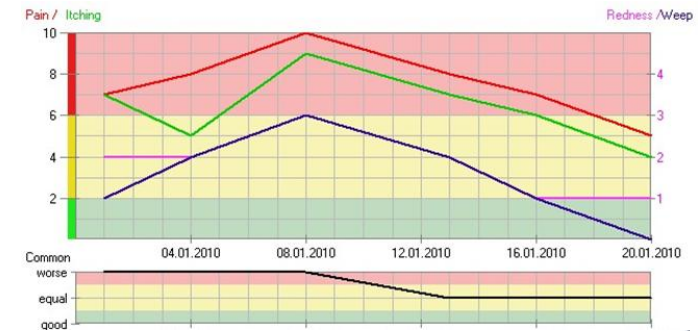


Fig. 4. Graphical visualization of evaluation data