CLEAR

eHealth initiative to design, develop and implement Clinical Rehab Protocols for Home Care for the Management of Chronic Diseases

European Commission
Information Society and Media

Improving the life of impaired people reducing, both transfers to care centres and hospitalization costs: a great challenge! The Clinical Leading Environment for the Assessment of Rehabilitation Protocols in home care project (CLEAR) intends to allow patients to exercise at home under the supervision of a remote team guaranteeing efficacy, safety, privacy and ethical methods.

At a Glance

Project:
Clinical Leading Environment for the Assessment of Rehabilitation Protocols in home care (CLEAR)

Project coordinator:
Signo Motus s.r.l. (Italy)

Partners:
Italy, the Netherlands, Spain, Poland

Duration: 36 months

Total cost: € 5.615.735.00

Programme: ICT Policy Support programme under the Competitiveness and Innovation Framework Programme (CIP)

Further information:
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http://ec.europa.eu/information_society/ehealth/policy

CIP: http://ec.europa.eu/cip/index_en.htm
ICT-PSP: http://ec.europa.eu/ict_psp
The new European Commission portal on social affairs:
http://ec.europa.eu/social
ICT for Health - European Commission – Information society and Media DG
Office: BU31 06/73 B-1049 Brussels
Email: eHealth@ec.europa.eu
Tel: +32 (0)2 296 41 94 - Fax: 02 296 01 81
http://ec.europa.eu/information_society/eHealth

Chronic disease management and tele-rehabilitation service

The Clear project proposes the implementation of a tele-rehabilitation service in four Member States of the European Union. The project, based on technological mature applications developed mainly within the "H-CAD" (IST-5th FP) and eTen "Hellodoc" projects, will enhance the deployment of eHealth services and optimize healthcare resources through a European platform for the development of "home treatment protocols". Such platform provides health professionals with

✓ Service architecture based on a communication server

✓ Hospital database purposely conceived for tele-rehab

✓ License Software for doctors and patients to simply handle the service

The CLEAR project is a fundamental step in helping doctors treating patients who seek health treatment in a comfortable environment, including home, under supervision of a specialized team.

This service will lead the healthcare professionals to a significant reduction of time spent per patient and, as a consequence, to a potential savings in money.

Objective

The objective of the CLEAR project is to provide an open source, low cost, web oriented software suite that allows to manage the service through the provision of web video exercises and care management as a simple low cost basis for any tele-rehab treatment".

The rationale behind this project is the "Habilis Europe" concept, which main target is to establish a network of companies, under a legal corporate entity, providing an expandable set of tele-rehabilitation services across the whole EU.

The approach

The project plans to carry out four pilot tests in four Member States (IT, ES, NL, PL) on home protocols and therapies developed on four types of pathologies usually affecting the elderly: neurological, orthopaedic, pneumonic disorders and chronic pain.

The evaluation will be focused on technical, organisational and legal feasibility of the service. The *Habilis Europe* platform will be highly customised by the health care professionals, who will be continuously involved in the design and testing of the whole system. Particular attention will be paid on an efficient upgrade of the system based on the feedback of the users (patients/clinicians). In its pilot phase, the project envisages to treat at least 800-1000 patients.

Key points will be the professional quality of products and services; the reliability through interoperable Web Platforms and the effective collaboration with the rehab team.

The approach will form the basis for a longer term, pan-European platform being the basis for the integration of new partners such as health care institutions, technology providers, standardization bodies and associations of health care providers and patients.

Participants

The Project Consortium is a broad coalition of 13 beneficiaries representing 4 EU Member States including ministries of health, national competence centres, a research institute and an industry team of private companies.

The CLEAR project has a total budget of 5.615.735.00 Euro for the next 3 years, 2.740.000.00 of which is covered by the European Commission's Competitiveness and Innovation Programme, Programme to Support Policy (CIP-PSP).

Dissemination and awareness raising

Since the first year of the project, dedicated areas on the CLEAR web site (http://www.habiliseurope.eu) will deal with the dissemination of the proposed service at the highest possible level, including Governmental bodies; clinical structures; end users.

The project calls for two workshops dealing with tele-rehabilitation where the HABILIS network will be officially announced.

Local and national press and international peered journals will be addressed.

Moreover, during its lifetime, the project will take advantage from the cooperation with other European projects. Indeed, CLEAR will exploit the ePractice Portal (www.epractice.eu) to ensure that benefits can be shared with non-participant countries and will consult the CALLIOPE network (Call for Interoperable eHealth services in Europe www.calliope-network.eu) on specific Interoperability topics.

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