

TELECARE SYSTEM FOR NEURODEGENERATIVE DISEASES

IRIS di De Rocco G. & C. s.n.c. – CONSORZIO TERIN

c/o Parco Tecnologico Cittadella Della Ricerca - S.S. 7 Km 7,300 per Mesagne - 72100 Brindisi (BR), iris@terin.it

Abstract: A system for monitoring and rehabilitation of vulnerable people suffering from cognitive disorders or neurodegenerative rare diseases. It consists in a modular platform, which provides innovative services such as telecare, pain monitoring, Distress Alarm and Localization (indoor and outdoor), rehabilitation activities, diagnoses to evaluate the course of diseases through eye movement detection, the International Affective Picture System (used in studies of emotion) and finger tapping test. The diagnoses will be sent to a service center which will report any alarm situation.

Keywords: Disabled Persons, Home Based Care, Patient Monitoring, Remote Diagnosis, Alert System.

IHCS - INNOVATIVE HEALTH CARE SYSTEM

IRIS s.n.c.
c/o Cittadella Della Ricerca
S.S. 7 Km 7,300 - 72100 Brindisi

A.M.T. Services Srl
Viale Europa 22
70132 Bari (BA)

Bioresult S.R.L.
Piazza San Pio X, 3
71121 Foggia (FG)

CETMA
c/o Cittadella Della Ricerca
S.S. 7 Km 706+030 - 72100 Brindisi (BR)

MATRIX spa
Via Positano, 23
70014 Conversano (BA)

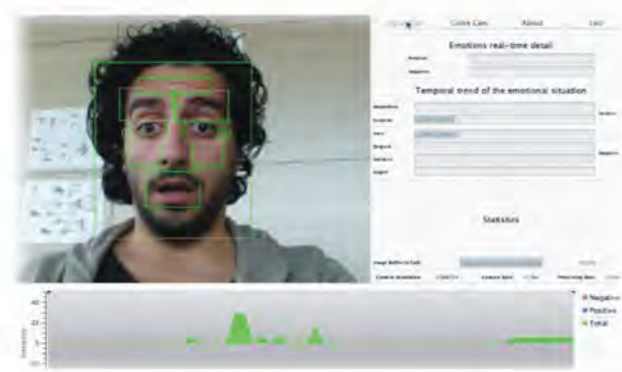
Laboratorio di Informatica Industriale
(DEI - Politecnico di Bari)
Via Orabona 4 - 70125 Bari (BA)

UNIVERSITA' DI BARI
DIPARTIMENTO SBMNS
Clinica Neurologica AZIENDA OSPEDALIERA POLICLINICO
Via Amendola 207a - 70124 Bari (BA)

Società Cooperativa Sociale
"CONSORZIO EMMANUEL" O.n.l.u.s.
Strada Provinciale Lecce-Novoli, 23
73100 Lecce (LE)

Patients with
Huntington's Chorea and/or
Chronic Pain

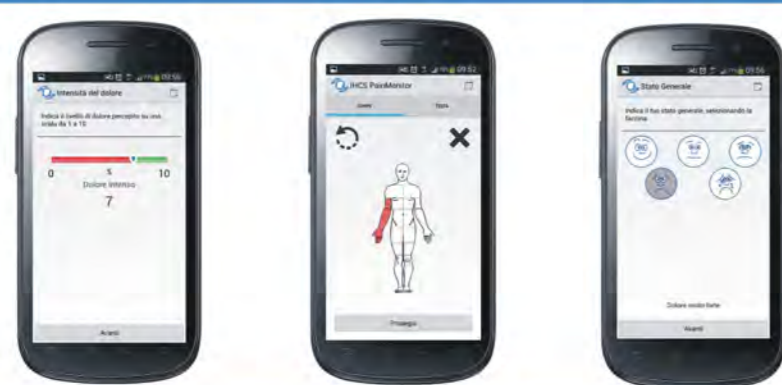
IAPS System



Eye Tracking



Pain Monitoring



Finger Tapping



Dysphagia



Patients with
Alzheimer's disease

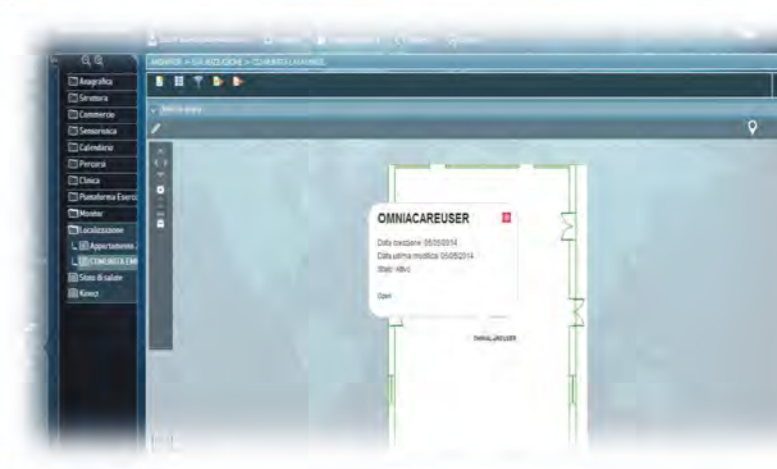
Cognitive Rehabilitation



Outdoor Localization



Indoor Localization



Videoconference



IHCS (Innovative Health Care System) is a telemedicine system for the monitoring and the home rehabilitation of vulnerable people suffering from cognitive disorders or chronic degenerative and neurodegenerative rare diseases.



The IHCS project aims to follow the patients during their daily activities by an integrated system of services, with consequent benefits for users and caregivers.

The pursued objectives are therefore to:

- provide tele-assistance services to patients who require frequent diagnosis;
- limit the inappropriate hospital admissions;
- improve and safeguard the autonomies of the patients at home;
- provide a service to support the patient via video-conference and contact center;
- ensure the continuity of care and the acquisition of feedback on the good outcome of it in case of de-hospitalization by the healthcare facility;
- to provide a portal for the universal access to data.

PIATTAFORMA: ihcs.terin.it/
GOOGLE PLUS: plus.google.com/IHCSLabs
TWITTER: www.twitter.com/IHCSLabs
FACEBOOK: www.facebook.com/IHCSLabs
YOUTUBE: www.youtube.com/user/ihcslab

Visit IHCS



Iris S.n.c.
Consorzio TERIN
Impresa per i servizi reali innovativi



Unione Europea



MINISTERO SVILUPPO ECONOMICO



Regione Puglia



PO FESR PUGLIA 2007 - 2013



PUGLIA EUROPA
Investiamo nel vostro futuro.



SMARTPUGLIA
INTELLIGENTIL DAL FUTURO

Regione Puglia
Area Politiche per lo Sviluppo, il Lavoro e l'Innovazione Servizio Ricerca Industriale e Innovazione - Ufficio Servizi e-Government e ICT
P.O. FESR PUGLIA 2007-2013 - ASSE I - Linea di Intervento 1.4 Azione 1.4.2 - Investiamo nel vostro futuro
SUPPORTO ALLA CRESCITA E SVILUPPO DI PMI SPECIALIZZATE NELL'OFFERTA DI CONTENUTI E SERVIZI DIGITALI Apulian ICT Living Labs - Verso Puglia Digitale 2020