

***Medical knowledge management and infrastructure enabling continuous home monitoring service***

**INTERLIFE aims to validate the provision of new healthcare services, based on a technological platform, able to support an early discharge and a continuous home monitoring service, leading to a substantial reduction of the hospitalisation and to an increased effectiveness of healthcare service delivery.**

The healthcare system has been drastically changing, moving from acute health delivery to prevention, from secondary healthcare delivery to primary and home care, aiming at involving the patient and the family environment more and more in the delivery of care.

INTERLIFE is a generic and modular contact centre platform for the communication, management, processing and assessment of multimedia information and the provision of high quality pervasive tele-health services to the citizens. INTERLIFE will focus on patients suffering from chronic and acute diseases such as Chronic Heart Failure, Chronic Obstructive Pulmonary Disease and Diabetes. It will introduce a new generation telemedicine for home care that allows for an important improvement in the availability of health services, leading to the creation of a large new IT market involving homes and medical providers in a novel concept of care delivery. The different modules include telecommunication, information processing, educational and reference library, decision support, a database module as well as evaluation and design of studies.

From the medical quality point of view, INTERLIFE aims to deliver improved healthcare to citizens through the use of microdevices and state-of-the art telematics. Besides, two complementary features that meet in INTERLIFE will revert into a better medical service of which all patients will benefit: (i) the development of a revolutionary medical education process and (ii) the provision of better diagnosis opportunities for the clinical staff. The project will help assess the functioning of a Trans-European network for home care delivery, allowing data and experience exchange among professionals and a more accurate medical knowledge management.

Consortium members from Spain, Greece, Belgium and Germany will combine their considerable experience in successful European healthcare projects in order to bring the INTERLIFE services to both healthcare professionals and patients. EAP Sardenya from Barcelona is the healthcare organisation who will manage and co-ordinate INTERLIFE as a whole. Mutuam Mútua de Previsió Social from Catalonia, Research in Advanced Medical Informatics and Telematics from the University of Ghent, and the University of Regensburg will lead the pilot validation, testing the INTERLIFE functionalities in order to allow for its services to adapt to the specifications in real-life healthcare. The partners in charge of providing and fine-tuning the platform technology are the Aristotle University of Thessaloniki, the Institute of Communication and Computer Systems from Greece and NetSmart from Greece. Finally, Ecomit Consulting from Spain will contribute to the quality assurance and the business aspects of the project. Further information on the project can be requested at [capsardenya@epsardenya.net](mailto:capsardenya@epsardenya.net).