The objective of ICT4Life consists in implementing an innovative platform that connects patients, families, health professionals and care-givers through user friendly tools, using results of a research on emerging technologies. The platform is aimed at facilitating patient empowerment, supporting care-givers and establishing cooperation channels within professionals for integrated care.

ICT4Life at a glance

Daily Behavior statistics

Real time detection of anomaly

Behavior summarization

ICT services for Life Improvement for Elderly

The leaflet reflects only the authors’ view. The European Commission and/or the Consumer, Health, Agriculture and Food Executive Agency are not responsible for any use that may be made of the information it contains.
Supporting elderly to remain independent

Parkinson’s disease, cognitive impairment and dementias, like Alzheimer’s disease, represent major social and health challenges. People suffering from these conditions face difficulties when it comes to self-care. At the same time, families, care-givers and professionals face serious difficulties in providing the care that could ensure the patient’s independence at home.

ICT4Life European Project

ICT4Life is a three-year project financed under Horizon 2020, the EU Framework Programme for Research and Innovation. The motivation behind ICT4Life is to find solutions to promote self-care and integrated care while using innovative technologies. These technologies are addressed not only to patients and their families but also to formal and informal care-givers and health professionals.

ICT4Life supports the exploitation and the use of interactive services allowing patients, care-givers and professionals to easily communicate within each other. This will contribute to increase patients’ quality of life and independence at home.

FACTS & FIGURES

In the World 44 million people are living with dementia.

In Europe 50% of people older than 80 years live at home

Direct costs of dementia are estimated at 0.5% of EU GDP.

This figure is expected to double by 2030 and triple by 2050

In 2016 2030 2050

How to be part of the challenge?

ICT4Life supports the exploitation and the use of interactive services allowing patients, care-givers and professionals to easily communicate within each other. This will contribute to increase patients’ quality of life and independence at home.

Public authorities, policy makers and providers shall put these issues at the top of their agenda, ensuring the sustainability of the health systems.

Investors and developers shall support the deployment of eHealth technologies as the way to face the future challenges of European health systems.

Patients and care-givers participate in the research and innovation process for ICT4Life.

Innovative aspects

ICT4Life innovative approach to integrated care is based on its social eHealth ecosystem. Scientific research on end-users is the basis for offering personalized models of care. ICT4Life focuses on the early prevention, independence and wellbeing of senior citizens, especially when they live by themselves.

The ICT4Life technologies will allow to:

- Monitor the patients in real-time to alarm and call for early intervention;
- Prevent fall risk, social isolation, depression, poor well-being and inadequate medication management;
- Promote patient’s independency, safety and social involvement;
- Provide on time support to care-givers, helping them to feel less stressed.

ICT4Life is developing new ICT based services for integrated care, in order to increase patient’s quality of life and autonomy at their own homes, supporting families, care-givers and professionals.