




I.CARE.me

Title:	I.CARE.me - Innovative CARE with home intElligent environMEnts	
Duration:	30 months	
Start date:	April 2021	
Completion:	September 2023	
Admissible costs:	4.990.000€	
Co-founder:	“Avviso per la presentazione di Progetti di Ricerca Industriale e Sviluppo Sperimentale nelle 12 aree di Specializzazione individuate dal PNR 2015 - 2020” - A valere sui fondi PON R&I 2014-2020 e FSC”	
Partner:	Università degli Studi di Salerno - Nexoft SPA - A.I. Tech srl - ECLECTICA SRL - HEALTHWARE GROUP S.R.L. - HOME MEDICINE ITALIA SRL - Pineta Grande S.P.A - CHALLENGE NETWORK SRL - Istituto Nazionale Tumori “Fondazione Pascale” – EMAC srl	

Project description:

I-CARE.ME project sets the ambitious goal of improving the quality of life of chronic and oncologic sufferers and their families by trying to enabling a migration from a performance logic to a global concern that provides a link between the various specialists who follow it, in line with what the Health Plan defines as the "Health Care Plan 2016". In order to achieve this goal, differently from various national and international initiatives focused on some specific issues (vital parameter monitoring, drug taking, mobility, physiotherapy), I-CARE.ME proposes a holistic model centred on the patient and on its needs, where artificial intelligence, robotics, the Internet of Medical Things (based on bio and smart sensors) are the enabling element to support new forms of assistance. Through the involvement of all the players in the healthcare value chain, I-CARE.ME will lead to the creation of an open, modular and extensible platform capable of collecting data and information about patients, providing advanced analysis services on such data and in particular:

- Monitoring of the main physical parameters, mobility and carrying out daily activities and physical through intelligent biosensors and sensors;
- Provide continuity in terms of control and monitoring with healthcare facilities in which he or she has been caring for medical prescriptions, facilitating interaction with doctors and specialists (telemedicine and telemedicine) and reducing the timing of the effectiveness of care;
- Supporting the patient in daily activities by providing directions and suggestions through easy access devices such as Smart TV and Home Robots that can recognize requests and gestures by reducing the sense of abandonment;
- Supporting family members in the care process.



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