

Note: The information given in this document is still preliminary until partner contracts and funding allocations are finalised.

Project Information

Project Short Name	AMICA
Project Full Name	Autonomy, Motivation & Individual Self-Management for COPD patients
Project Reference	aal-2008-1-176
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Background of the Project

AMICA is aimed at providing medical management and medical care to patients suffering from Chronic Obstructive Pulmonary Disease (COPD). COPD is a progressive pulmonary disease characterized by reduction in airflow and is not fully reversible. COPD is the major cause of mortality and increased levels of disability, particularly in the elderly. As the disease progresses, patients experience reduced quality of life and require higher levels of care. As such, COPD also influences the life of patients' family members and caregivers. There are common known problems related to the care and disease management of COPD patients that influence progression of the disease and thus dramatically increase healthcare costs. In particular, these problems consist in inadequate patient education, lack of patient compliance to therapy guideline and failure to detect early symptoms of exacerbations before the patient requires emergency treatment and / or hospitalization.

Visions and Objectives of the Project

AMICA'S main aim is to address these challenges by developing and assessing long-term COPD management solutions based on innovative Information and Communication Technologies (ICT) that:

- Allows early detection of COPD exacerbations through the use of a multifunction biomedical system.
- Offers a user-friendly design for the elderly.
- Provides remote monitoring and home-based care
- Integrates a technical solution with a holistic service approach.
- Fosters prevention and self-management through immediate comprehensive feedback and efficient personalized assistance.
- Increases levels of therapy compliance providing effective incentives schemes.

Project Partners and Funding

Full name	Short name	Country Code	Type of Organization	Final granted budget in EUR
Universidad de Cádiz	UCA	ES	Research	403.535
Forschungszentrum Informatik	FZI	DE	Research	370.173
Institute of Communication and Computer Systems	ICCS	EL	Research	400.000
Innovaciones Sociosanitarias S.L.	ISS	ES	Company	124.561
MSC Gleichmann	MSC	ES	Company	65.000
Foundation for Biomedical Research Management of Cadiz	FBRMC	ES	Research	104.665
Vitaphone GmbH	VTP	DE	Company	377.960
			Total	1.845.894