

AMICA - Autonomy, Motivation & Individual Self-Management for COPD patients

Dr. Christophe Kunze
FZI Forschungszentrum Informatik



Project Objectives

- improving medical care and quality of life of (elderly) COPD patients by
 - avoiding hospitalisation through early detection of COPD exacerbations
 - encouraging prevention and self-management
 - developing effective incentive mechanisms in order to improve therapy compliance








based on innovative ICT-based disease management products and services

- transfer of research results into commercially successful products & services
 - integrated market-oriented approach
 - end-user centred design
 - evaluation-driven development

Research Challenges

- technical challenges:
 - reliable, cheap, easy-to-use long-term monitoring of COPD
- usability challenges:
 - telemedical platform for elderly people (dedicated device)
 - using the right interaction technologies
- medical / care process challenges:
 - Effective feedback-mechanisms encouraging self-management
 - design & evaluation of effective incentive mechanisms
- economical challenges:
 - fitting new disease management & service approaches into existing healthcare services & processes
 - development of service & business models adapted to national health care markets

Consortium & Roles

Organisation	Roles & responsabilites
	Universidad de Cadiz (ES) project coordinator R&D biomedical sensors
	MSC Gleichmann (ES) electronics / medical devices
	Institute of Communication and Computer Systems (GR) R&D Telematics Systems
	FZI Forschungszentrum Informatik (D) R&D telemedical devices & services R&D incentives & business models
	Vitaphone GmbH (D) telemedical services, case management, business models, evaluation
	Innovaciones Sociosanitarias S.L. (ES) healthcare service & business models
	Hospital Puerta del Mar Cadiz (ES) medical care provider medical research and evaluation

Thank you for your attention!

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Contact: Dr. Christophe Kunze
FZI Forschungszentrum Informatik
www.fzi.de