

1. Record Nr.	UNINA9910816881903321
Titolo	Is ambient assisted living the panacea for ageing population? // edited by Marco d' Angelantonio and John Oates
Pubbl/distr/stampa	Amsterdam ; ; Washington, DC, : IOS Press, c2013
ISBN	1-299-33337-0 1-61499-191-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (124 p.)
Collana	Ambient intelligence and smart environments ; ; v. 16
Altri autori (Persone)	d' AngelantonioMarco OatesJohn
Disciplina	004.019
Soggetti	Old age homes Congregate housing Self-help devices for older people Older people - Care
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Title Page; Foreword; Acknowledgements; Table of contents; Background; The Ageing of the European Population; The Trivialisation of Technology; The Role of DREAMING; Concerns About AAL Technology Before DREAMING; Ease of Use for Senior Citizens; Reliability of the Platform; Technology Aversion - A Perceived Need for Passive Systems; Effort and Cost of Installation and Maintenance; ""Care"" and ""Technology"" - Contradictory Terms?; The Technology Platform; Functional Requirements for the DREAMING Platform; Health Monitoring; Environmental Monitoring; Mobile Alarm and Localization VideoconferencingCare Givers' Decision Support; An Overview of the DREAMING Platform; The HIS Telemonitoring System; HIS Central Unit; HIS Portal; Vital Monitors; Environmental Monitors; Mobile Option; ello! Videoconferencing System; Scaling the DREAMING Platform - Technology and Support; The Evolution of Technology - The DREAMING Platform in 2013; The Central Unit; The Smartphone or Tablet; The Trial Sites; Denmark - Overview of Trial Site; Estonia - Overview of Trial Site; Germany - Overview of Trial Site; Italy - Overview of Trial Site; Spain - Overview of Trial Site

Sweden - Overview of Trial Site Equipment Installed; DREAMING Clinical Trial Protocol According to the CONSORT Checklist Items; Objectives; Inclusion and Exclusion Criteria for Participants; Interventions; Interventions in the Intervention Group; Interventions in the Control Group; Sample Size; Statistical Methods; Information About the Trial Populations; Recruitment of Users; Denmark; Estonia; Germany; Italy; Spain; Sweden; Analysis of the User Population; Denmark; Estonia; Germany; Italy; Spain; Sweden; The Outcome; List of the Primary and Secondary Outcomes
Rationale for Clinical Impact Indicator Definition Health Status Questionnaire SF-36 v2; HADS (Hospital Anxiety and Depression Scale); Full List of Clinical Impact (Outcome) Indicators Used in DREAMING; Time Points and Methods of Outcome Assessment; Analysis of the Primary and Secondary Outcomes; SF-36 & HADS - Overview; SF-36 Consolidated Cross Site Analysis; HADS; Discussion; Effect on Mental/Clinical Events; Considerations & Limitations; Initial Conclusions; User Satisfaction; Methodology; Cross-Pilot Analysis and Results; Conclusions and Lessons Learned; Economic Impact; Approach Economic Indicators Clinical Activity Indicators; Services Tariffs; Considerations; Costs Elements; Denmark; Estonia; Germany; Italy; Spain; Sweden; Overall Conclusions; Lessons Learned; Implementation Guidelines and Recommendations; Objective of Service; Prerequisites; Selection of Participants; Planning Installation; Equipment Selection: Reliability, Evaluation and Certification; Devices: Aim of Their Use, Training Users; Monitoring and Handling Alarms - What to Do in Case of Emergency - The Contact Centre; Empowerment of Older Participants and Role of Care Givers
Professionals: Roles, Rules, Expertise

Sommario/riassunto

The ageing population of Europe is a well-documented phenomenon and there is general agreement that it has serious implications for all European citizens as well as for policymakers and politicians. The current paradigm of caring for elderly citizens in residential homes is becoming untenable and it is also unpopular with many elderly people themselves. New ways of caring which engage and empower older adults more actively, and are also more cost-effective, must be found. The four-year DREAMING (eIDeRly-friEndly Alarm handling and MonitorING) project carried out randomized controlled trials across six pilot sites to assess the impact of tele-monitoring on the health and quality of life of older people with chronic health conditions living at home. This book documents the results of the DREAMING project, which addressed one of the most important health and social care issues affecting older adults: namely, monitoring older people from a clinical point of view as a preventative measure to reduce exacerbations requiring intensive medical treatment, ensure their safety indoors and outdoors, and reduce their loneliness through eInclusion tools. This, in turn, improves the ability of care professionals to support these people, all in a cost effective way. The clinical results of the quality of life and economic impact assessments, together with the outcome of the user satisfaction survey are presented in the book, and lessons learned, as well as guidelines for the deployment of tele-monitoring are included.
