European Innovation Partnerships

stairways towards Horizon 2020 opportunities

EIP Active and Healthy Ageing

Elísio Costa

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28 May 2015
Lisbon

EIP-AHA: Strategy of University of Porto

Action groups (EIP-AHA)
A1: Prescription and adherence action at regional level
A2: Personalized health management, starting with a falls prevention initiative
A3: Action for prevention of functional decline and frailty
B3: Replicating and tutoring integrated care for chronic diseases, including remote monitoring at regional level
C2: Development of interoperable independent living solutions, including guidelines for business models
D4: Innovation for age-friendly buildings, cities and environments

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EIP-AHA: Strategy of University of Porto

EIP-AHA: Commitment of AgeUP Adhere (action group A1)

iNeighbour TV

cetac.media

Interactive TV application targeted to senior citizens to improve their quality of life.

SEDUCE

Senior Citizen Use of Computer Mediated Communication and Information in Web Ecologies

CARAT

TESTE DE CONTROLO DA ASMA E RINITE ALÉRGICA

VIRTUALCARE

systems for life

U.PORTO FACULDADE DE CIÊNCIAS UNIVERSIDADE DO PORTO

CENTRO DE INVESTIGAÇÃO EM QUÍMICA DA UNIVERSIDADE DO PORTO

Assessment of Environmental factors that impairs an active and healthy ageing

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EIP-AHA: Action group A1 collaborative work

EIP-AHA: Action group A1 collaborative work

EIP on AHA A1 Prescription and adherence to medical plans

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Elisio Costa

Groups

- User empowerment...
- Adherence
- Polypharmacy
- Final EIP/A1 Docume...
- Partners' Communic...
- Good Practices A1
- ARCHIVE Research
- Meeting Minutes (A1)
- Yammer - Getting st...
- All Network

Browse Groups

Create Group

Announcements

8th A1 Action Group meeting report
Posted by Ángela Bolufer de Gea May 12 at 11:19am — 2

Posted by Carolina Isiegas May 12 at 11:12am — 1

EU matchmaking for eHealth EIP AHA on 22 September
Posted by Ángela Bolufer de Gea August 25, 2014 at 11:58am — 1

Update | Poll | Praise

What are you working on?

Top · All · Following (88)

Isabelle Dévé
April 28 at 5:12pm — All Network

SCALING UP STRATEGY - Collection of assessment tools and frameworks

Dear members of the Action Group A1,

We would like to thank those of you who contributed to the collection of assessment tools and frameworks, following our earlier post in February

Network Usage Policy

Your use of Yammer is governed by the EIP on AHA A1 Prescription and adherence to medical plans Acceptable Use Policy.

Recent Activity

- Jorge Gonzalez downloaded Description of the database_version 28 April 2015.
- Jorge Gonzalez downloaded Assessment tools version 27 April 2015.
- Jorge Gonzalez downloaded FINAL_European_Scaling up_Strategy in AHA.
- BP Beatriz Poblador-Plou viewed

App Directory

see a

6 new featured apps added to the App Directory this week.

Online Now

Search for People

- PG Piera Ghi — Associate professor in Ph...
- MS Martin Smit — Director Graduate School...
- Jorge Pinto Antunes — Policy Co-ordinator
- SP Sónia Pereira — International Project Man...

EIP-AHA: Action group A1 collaborative work

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Collaborative work on:

- User empowerment/information
- Research and methodology
- Polypharmacy
- **Adherence to medical plans**

The teamwork identified two priority issues :

1. Monitoring Adherence through observational studies
2. Improving Adherence through intervention studies

Furthermore these two topics were divided into more specific subjects and translated into action to be implemented;

1.1 Identification of tools
1.2 Collection of databases
1.3 Correlation with health outcomes
2.1 Identification of Tools
2.2 Correlation between intervention and health outcomes

EIP-AHA: Adherence to medical plans collaborative work

OBJECTIVES	TASK	PARTNER RESPONSIBLE	COLLABORATING PARTNER(S)
1. To produce/identify a set of indicators to be used for assessing polypharmacy and adherence in the older population (independently of the clinical setting)	1.1 Systematic review of the literature	**Hospital Clinic** (Maite Martin)	**Sanofi Pasteur MSD; Trinity College Dublin/St. James Hospital; SERMAS-Hospital Universitario de Getafe; Fondazione Salvatore Maugeri; IRCCS San Raffaele Pisana.**
	1.2 Collection of databases	**CIRFF** (Salvatore Riegler)	**Trinity College Dublin/St. James Hospital; Bio-Med Aragón/EpiChron Research Group; IRCCS San Raffaele Pisana**
	1.3 Assessment of the prevalence of the preliminary set of indicators in different databases		***CIRFF-University of Naples, Trinity College Dublin/St. James Hospital***
	1.4 Assessment of the association between the identified indicators and clinical outcomes in older adults	**Bio-Med Aragón** (Alexandra Prados Torres)	**CIRFF-University of Naples; University of Florence; Trinity College Dublin/St. James Hospital; Inversión y Desarrollos Socio Asistenciales, IRCCS San Raffaele Pisana**
	1.5 To produce a final set of indicators to assess polypharmacy and adherence in the older population		**CIRFF-University of Naples; Trinity College Dublin/St. James Hospital, Università Cattolica del Sacro Cuore**
2. To produce/identify available tools useful to improve adherence in intervention studies	2.1 Review of the literature	**University of Porto /AgeUP network** (Elisio Costa)	**Fondazione Salvatore Maugeri; COFARES; University of Porto /AgeUP network, University of Aveiro/ CETAC.MEDIA; GIRP; Inversión y Desarrollos Socio Asistenciales; GESI Informatica; SERMAS-Hospital Universitario de Getafe;**
	2.2 Assessment of the usefulness of different interventions aimed at improving adherence on clinical outcomes (including hospitalization, mortality, resources consumption, quality of life, independence) in older adults	**IDIAP Jordi Gol** (Bonaventura Bolibar)	**Fondazione Salvatore Maugeri; COFARES; University of Porto /AgeUP network; University of Aveiro/CETAC.MEDIA; GIRP; Inversión y Desarrollos Socio Asistenciales; GESI Informatica; SERMAS-Hospital Universitario de Getafe; *Consejo General de Colegios Oficiales de Farmacéuticos de España-CGCOF***
	2.3 To produce/ identify a final set of tools able to improve adherence in the older population		

EIP-AHA: Adherence to medical plans collaborative work

Interventional tools to improve medication adherence: review of literature

Running title: Interventional tools to improve adherence

Elísio Costa[1], Anna Giardini[2], Magda Savin[3], Enrica Menditto[4], Elaine Lehane[5], Olga Laosa[6], Sergio Pecorelli[7], Alessandro Monaco[8], Alessandra Marengoni[9]; on behalf of the A 1 Action group 'Prescription and Adherence to medical plans', European Innovation Partnership on Active and Healthy Ageing.

Accepted for publication in the Journal "Patient Preference and Adherence"

Scaling up health knowledge at European level requires sharing integrated data

Enrica Menditto, , Alessandra Prados, Elísio Costa, Anna Giardini, Sergio Pecorelli, Alessandro Monaco, Alessandra Marengoni; on behalf of the A 1 Action group 'Prescription and Adherence to medical plans', European Innovation Partnership on Active and Healthy Ageing.

Toward appropriate criteria in medication adherence assessment in older persons– Position Paper

Giardini Anna[1], Martin M Teresa[2], Cahir Caitriona[3], Lehane Elaine[4], Menditto Enrica[5], Strano Maria[6], Pecorelli Sergio[7], Monaco Alessandro[8], Marengoni Alessandra[9]**on behalf of the A1 Action group 'Prescription and Adherence to medical plans', European Innovation Partnership on Active and Healthy Ageing**

BioMed Research International

Hindawi

Special Issue on
Interventional Tools to Improve Adherence and Prescription to Medical Plans

CALL FOR PAPERS

Nonadherence to medical plans remains a challenge for health care professionals and scientists, as their efforts to improve and explain patients' adherence appear to be ineffective. In fact, a study by the World Health Organization found that only 50% of the patients in developed countries adhere to their treatment plans. This degree of nonadherence results in a high number of patients that do not get the maximum benefits of medical treatment, which is associated with high health care costs, lower quality of life, and poor health outcomes. Nonadherence to medical plans is a public health problem that affects all people in general, but with particular significance in older adults, as they show the cooccurrence of multiple chronic diseases and conditions.

Many interventions to improve adherence have been described in the literature, some of them with good results; however, most interventions seem to fail in their aims. Moreover, most interventions associated with adherence improvements are not associated with improvements in other outcomes, such as biomarkers, morbidity, mortality, quality of care, quality of life, patient's satisfaction, health care utilization, and costs. In fact, adherence rates remained unchanged in the last decades. The reasons for the slow progress seem to be the lack of comprehensive theoretical models to explain nonadherence and to explain the potential success of a given intervention.

In this issue, we intend to collect and review new data on adherence to medical plans, with particular focus on intervention tools that could be used in clinical practice, and

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EIP-AHA: Adherence to medical plans collaborative work

FEDERANZIANI

CORTE DI GIUSTIZIA POPOLARE per il Diritto alla Salute

Scientific Advisory Board on Adherence (SABA) Meeting Agenda

October 24th 2014

FederAnziani Head Office, via Orazio 10, Rome

Participants

Dr. Antonio Cherubini - *INRCA IRCCS Geriatric Unit and Geriatric Emergency Room, Ancona*
Dr. Elisio Costa - *University of Porto*
Dr. Rene Melis - *Radboud University Medical Center, Nijmegen*
Dr. Alessandra Marengoni - *University of Brescia*
Dr. Alessandro Monaco - *Italian Medicines Agency, Rome*
Dr. Christiane Muth - *Johann Wolfgang Goethe University, Frankfurt*
Dr. Graziano Onder - *Catholic University of the Sacred Heart, Rome*
Dr. Luca Pasina - *Mario Negri Institute for Pharmacological Research, Milan*
Dr. Alexandra Prados Torres - *Miguel Servet University Hospital, Zaragoza*

European Day for Health Rights

Participants to International Advisory Boards:

Adherence to treatment

Luca Battistelli
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Roberto Venesia
FIMMG - Italian Federation of General Practitioners - Turin

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EIP-AHA: Adherence to medical plans collaborative work

ACTION GROUP A1 "Prescription and adherence to medical plans"

CARAT

1. BACKGROUND INFORMATION

ORGANISATION NAME	University of Porto
TYPE OF STAKEHOLDER YOU ARE REPRESENTING	Hospitals, Research centres, Academia, Advocacy organisations patients/users, Day care centres, Home care centres
COUNTRY INVOLVED IN THE GOOD PRACTICE	Portugal
REGION INVOLVED IN THE GOOD PRACTICE	North of Portugal
GEOGRAPHICAL COVERAGE OF THE GOOD PRACTICE	North of Portugal

ACTION GROUP A1 "Prescription and adherence to medical plans"

SEDUCE

1. BACKGROUND INFORMATION

ORGANISATION NAME	University of Porto
TYPE OF STAKEHOLDER YOU ARE REPRESENTING	Hospitals, Micro-sized industry, Research centres, Informal caregivers, Academia , Advocacy organisations patients/users, Day care centres, Advocacy organisations physicians, Home care centres
OOD PRACTICE	Portugal
OOD PRACTICE	Centre of Portugal
OOD PRACTICE	Centre of Portugal

EUROPEAN INNOVATION PARTNERSHIP ON ACTIVE AND HEALTHY AGEING

ACTION GROUP A1

PRESCRIPTION AND ADHERENCE TO MEDICAL PLANS

A COMPILATION OF NOTABLE PRACTICES

ACTION GROUP A1 "Prescription and adherence to me

VIRTUAL CARE

1. BACKGROUND INFORMATION

ORGANISATION NAME	University of Porto
TYPE OF STAKEHOLDER YOU ARE REPRESENTING	Hospitals, Micro-sized industry, Research centres, Informal caregivers, Academia , Advocacy organisations patients/users, Day care centres, Advocacy organisations physicians, Home care centres
COUNTRY INVOLVED IN THE GOOD PRACTICE	Portugal
REGION INVOLVED IN THE GOOD PRACTICE	North of Portugal
GEOGRAPHICAL COVERAGE OF THE GOOD PRACTICE	North of Portugal

A1 "Prescription and adherence to medical plans"

iNEIGHBOUR TV

1. BACKGROUND INFORMATION

ORGANISATION NAME	University of Porto
TYPE OF STAKEHOLDER YOU ARE REPRESENTING	Hospitals, Micro-sized industry, Research centres, Informal caregivers, Academia , Advocacy organisations patients/users, Day care centres, Advocacy organisations physicians, Home care centres
COUNTRY INVOLVED IN THE GOOD PRACTICE	Portugal
REGION INVOLVED IN THE GOOD PRACTICE	Centre of Portugal
GEOGRAPHICAL COVERAGE OF THE GOOD PRACTICE	Centre of Portugal

Knowledge and Innovation Communities (KICs) application

Knowledge and Innovation Communities (KICs)

How does the EIT work?

The EIT achieves its mission by fully integrating all three sides of the 'knowledge triangle', i.e. higher education, research and business, in Knowledge and Innovation Communities (KICs). By bringing together leading players from all these dimensions to cooperate within the KICs, the EIT is able to promote innovation in Europe. The EIT's first three KICs were launched in 2010:

- **Climate-KIC**: addressing climate change mitigation and adaptation
- **EIT ICT Labs**: addressing information and Communication Technologies
- **KIC InnoEnergy**: addressing sustainable energy

European Institute of Innovation & Technology

and a further two in 2014:

- **EIT Health**: addressing healthy living and active ageing
- **EIT Raw Materials**: adressing sustainable exploration, extraction, processing, recycling and substitution

Knowledge and Innovation Communities (KICs) application

Network of partners from across Europe and the wider world, with excellence in entrepreneurship, research and development with public change capacities, lead by Leuphana University (Lüneburg, Germany):

- Governments of Croatia and Malta (two EU member states);
- World Health Organisation;
- Israel's leading National Innovation Programmes and its Arab counterparts;
- Powerful actors in civil society and over 50 leaders in innovation from the business sectors not only in European countries but also in the United States, Canada and the Middle East.

KIC application is now the “Kenup Fundation Malta”

HOME > NEWS > NATIONAL

Research consortium to study vaccinations in Malta

A consortium that includes the World Health Organisation, Harvard University and the MIT will study vaccinations and personalised medicines in Malta

INDEPENDENT 13 May 2015, Wednesday Login/Register Search

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NEWS WORLD FINANCIAL COMPANY NEWS

Home > Business > Company News > KENUP Partnership for Innovation to commence operations in...

KENUP Partnership for Innovation to commence operations in Malta

Friday, 12 December 2014, 18:39 Last update: about 6 months ago

TVM AĦBARIJIET > SPORT EKONOMIJA TEMP TV > RADJU > EUROVISION

LOKALI

KENUP – Konsorzju dinji se jkun ibbażat f’Villa Bighi

MTELLA' 12 TA' DIĊEMBRU, 2014

Villa Bighi

More information: www.kenup.eu/

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EIP-AHA: Horizon 2020 opportunities

HORIZON 2020
The EU Framework Programme for Research and Innovation

PHC-2014: PERSONALISING HEALTH AND CARE

PHC-17-2014: Comparing the effectiveness of existing healthcare interventions in the elderly
Lead: University College Cork, Irland

PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and intervention
Lead: Universidade Autonoma de Madrid, spain

PHC-22-2015: Promoting mental wellbeing in the ageing population
Lead: Centro de Investigación Biomédica de Aragón, Spain

PHC-23-2014: Developing and comparing new models for safe and efficient, prevention oriented health and care systems
Lead: University College Cork, Irland

PHC-25-2015-single-stage: Advanced ICT systems and services for integrated care
Lead: Ohio University, Athens

EIP-AHA: Horizon 2020 opportunities

HORIZON 2020
The EU Framework Programme for Research and Innovation

HCO-2014: HEALTH CO-ORDINATION ACTIVITIES

HCO-14-2014: Bridging the divide in European health research and innovation
Lead: UNIVERSITA DEGLI STUDI DI SALERNO, Italy

IMI – Innovative Medicines Initiative
9th Call 2013: WEBAE - Leveraging Emerging Technology for Pharmacovigilance
Lead: University of Thessaloniki – Greece

ACTIVE ASSISTED LIVING PROGRAMME
ICT for ageing well.

AAL (AMBIENT ASSISTED LIVING) Joint Programme
Call 2014 – Care for the future
Lead: Everis enterprise, Spain

“Noroeste Global”: active and healthy ageing as a priority

Platform “Noroeste Global”:
Universities of Aveiro, Minho, Porto and Católica Porto; COTEC and Aveiro, Braga, Guimarães and Porto municipalities

Supported by “Fundação Calouste Gulbenkian”
Lead by Jorge M. Gonçalves

Priorities:

- Economic, social and environmental valorization of ocean and coastal areas
- Symbolic capital and culture in valorization of Portugal brand
- Agri-food endogenous resources and its valorization
- Quality of life and health system sustainability
    - Increased competitively of the economic activities of heath sector
    - Fortification of health system
    - Empowerment of individuals and community
    - Empowerment of health professionals
    - Active and healthy ageing – to promote activities to increase healthy life expectancy in specific population groups, in line with the initiatives of European Innovation Partnership on Active and Healthy Ageing.
- Energy and environmental challenges for building a low carbon society
- Advanced systems for industrial production sustainable

EIP-AHA: future opportunities

The European Scaling-up strategy: the five-step model of scaling-up:

EIP-AHA: future opportunities

AG A1. Annex. Workshop Report. Planning for the future 2016-2018

European Innovation Partnership on Active and Healthy Ageing

Project ideas

- IMPORTANCE OF CAREGIVER EMPOWERMENT
- BETTER COLLABORATION AMONG HEALTH PROFESSIONALS
- HOW TO CREATE A SPACE FOR PATIENT EMPOWERMENT
- EUROPEAN HEALTH INTEGRATED INFORMATION SYSTEM
- PROPER IMPLEMENTATION OF THE “ADHERENCE” CONCEPT
- HOW TO REINFORCE THE ROLE OF PHARMACIST IN INTEGRATED CARE

EIP-AHA: conclusion remarks

Involvement on EIP-AHA is important to share ideas, interests, activities and projects to find innovative solutions that meet the needs of Europe's ageing population.

Create and identify network opportunities towards Horizon 2020 , and other international initiatives.

Porto City

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