

*Assessing readiness for scaling-up innovations in
Active and Healthy Ageing*



Falls prevention (**Profiter**).
Introducing innovation into Regional eHealth Policy

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Research Governance Area
Regional Agency for Health and Social Care

Emilia Romagna Region

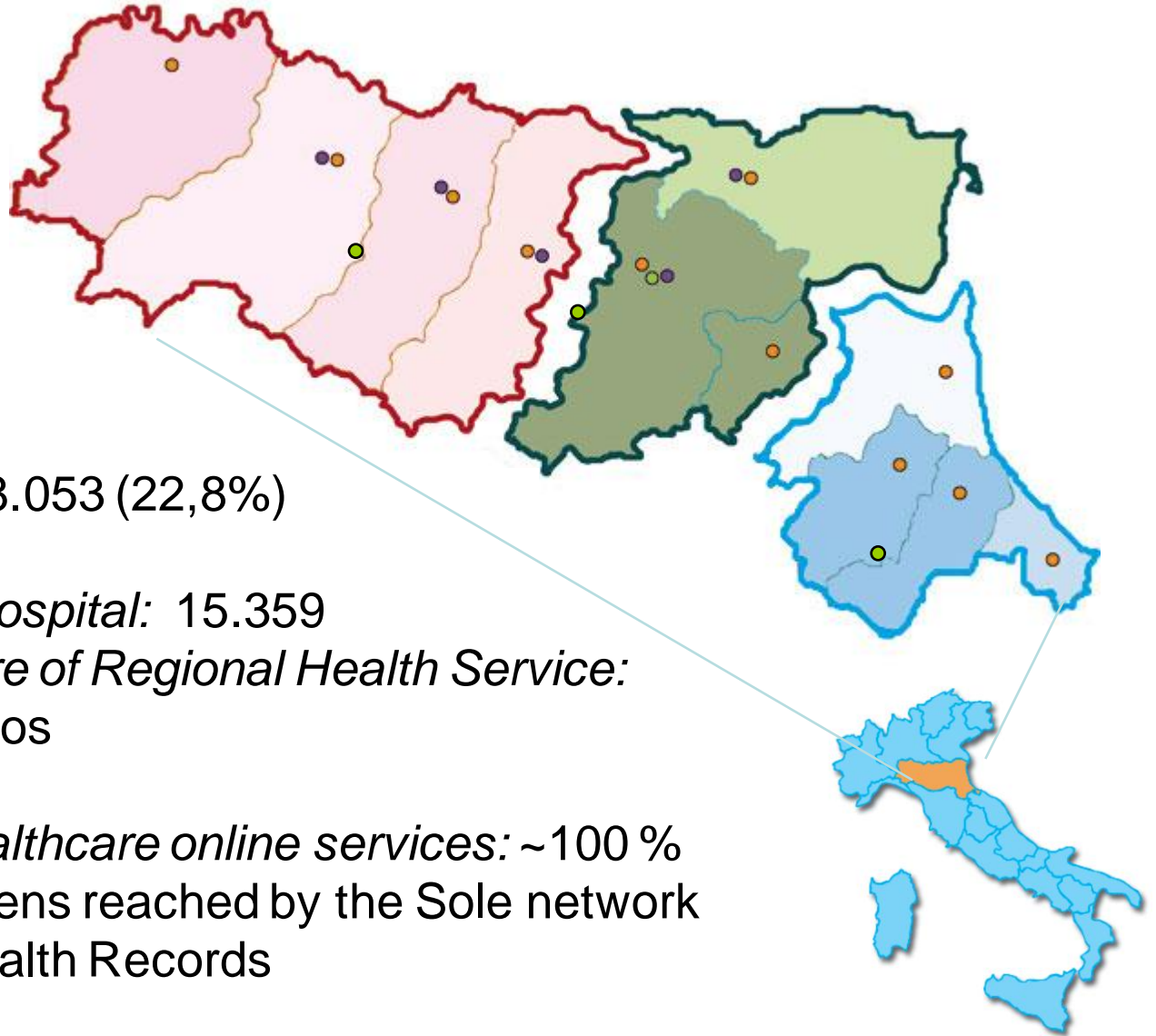
Population
4.471.104
January 2013

Aged 65+: 1.018.053 (22,8%)

Public beds in hospital: 15.359

Total expenditure of Regional Health Service:
8,677 billion Euros

Coverage of healthcare online services: ~100 %
of GPs and citizens reached by the Sole network
+ Electronic Health Records



Can Regional Health Authorities ignore innovations?

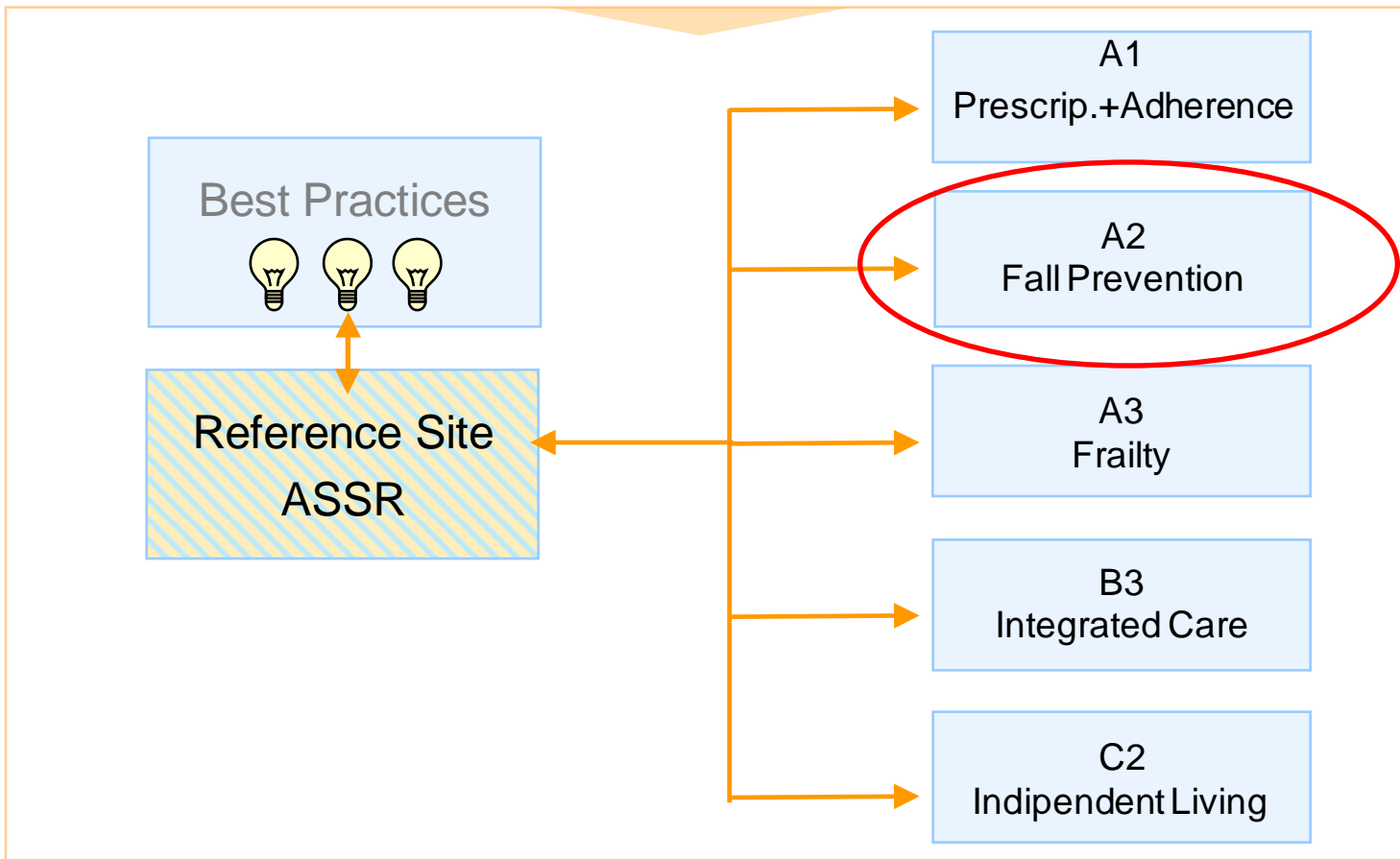


REGIONAL COORDINATION TEAM

Department of Health Policies

Department of Productive Activities

Regional Agency for Health and Social Care of Emilia-Romagna - ASSR
consortium for innovation and technology transfer- ASTER



Policy & Decisional Level

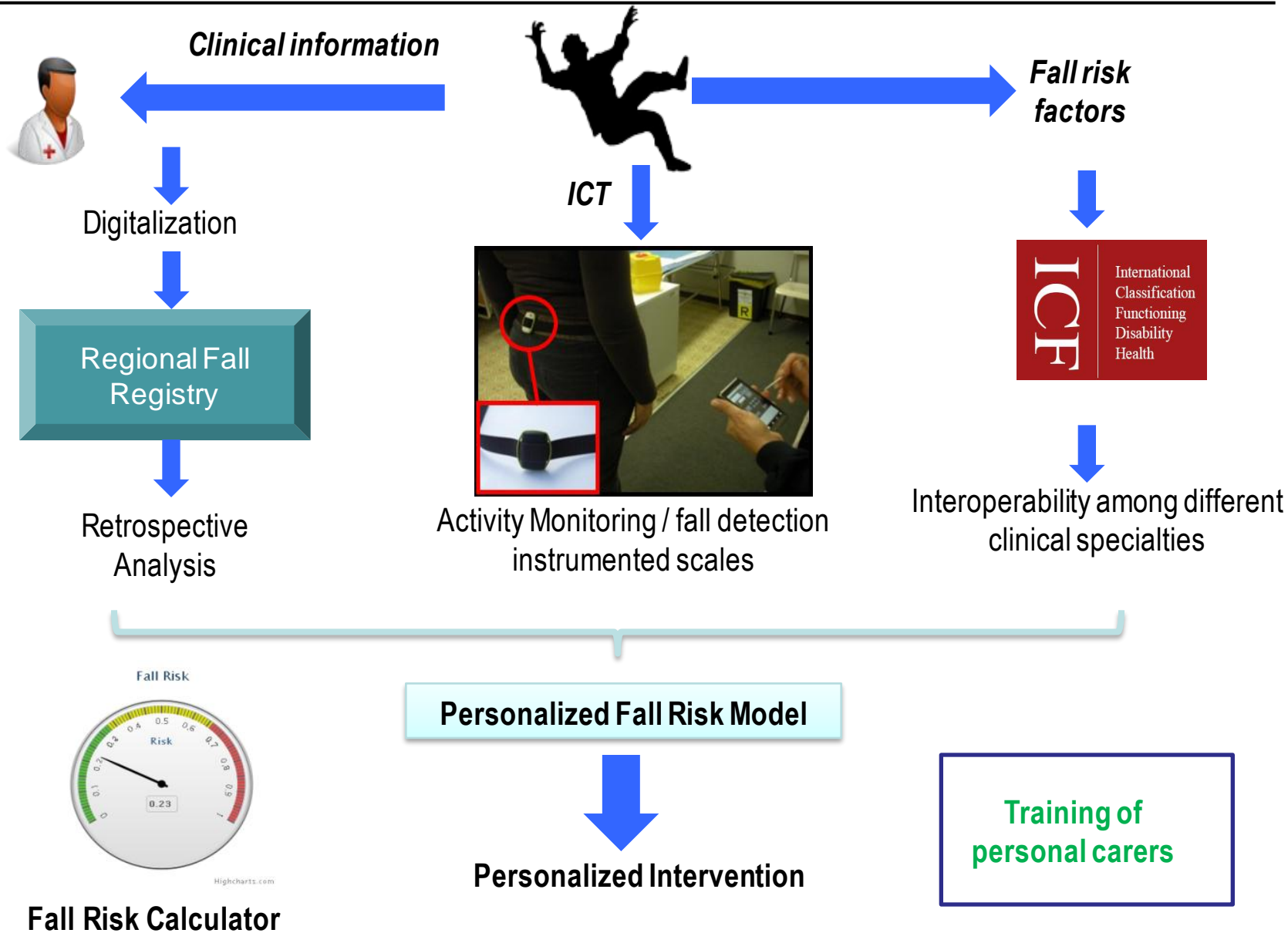
Policy&Operational Level

Operational Level



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PREvention Of Falls IniTiative in Emilia Romagna: a regional network for fall



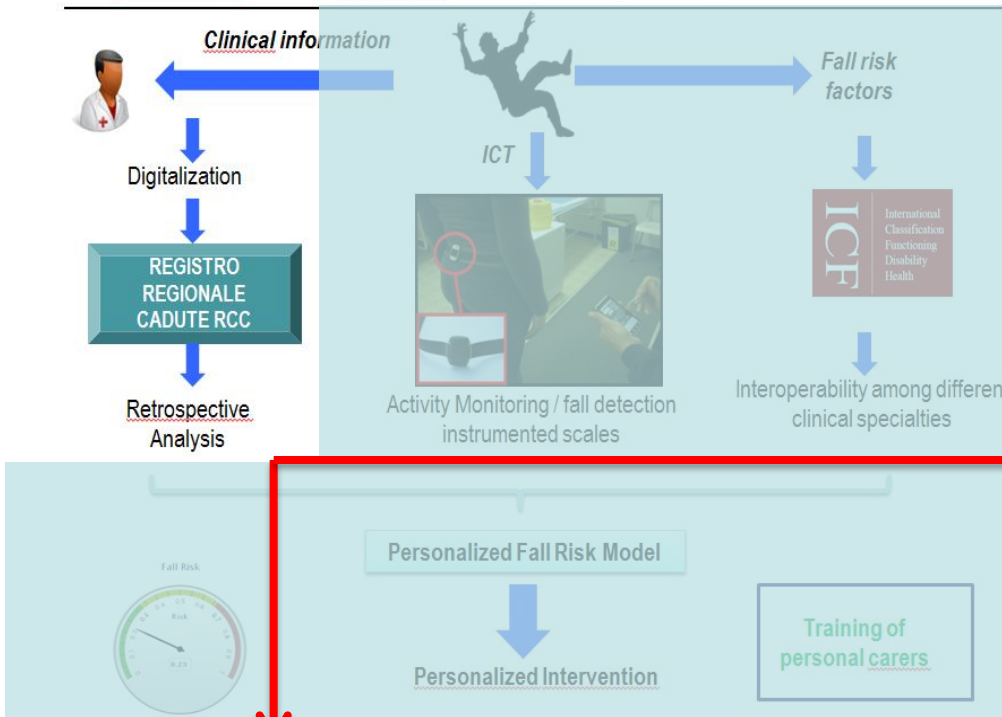
Fall Risk Calculator

Highcharts.com



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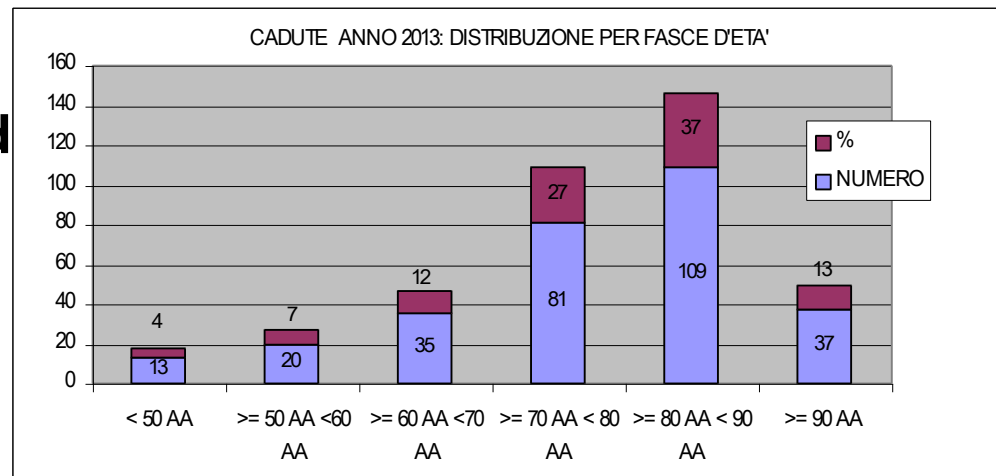
PRevention Of Falls InITIative in Emilia Romagna: a regional network for fall



Working Group 1

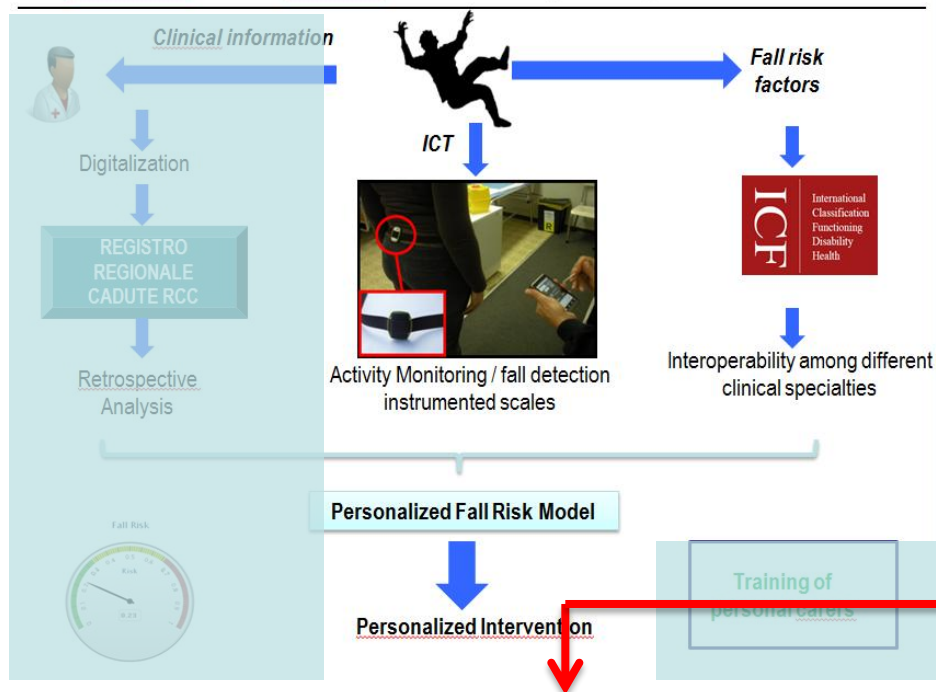
Collection, digitalisation, and retrospective analysis

Electronic Health Dossier (FSE)
Regional Fall Registry (RCC)



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PR*e*vention Of Falls IniTiative in Emilia Romagna: a regional network for fall



- **Classification of fall risk factors** according to the International Classification of Functioning, Disability and Health (ICF) to allow interoperability among different clinical specialties and, in perspective, across European Regions;
- Development and validation of a **personalised fall risk model**, integrating known fall risk factors, clinical balance measures, and parameters extracted from wearable inertial sensors;
- **Personalized intervention** on community dwelling elderly (Randomized Controlled Trial)

Working Group 2

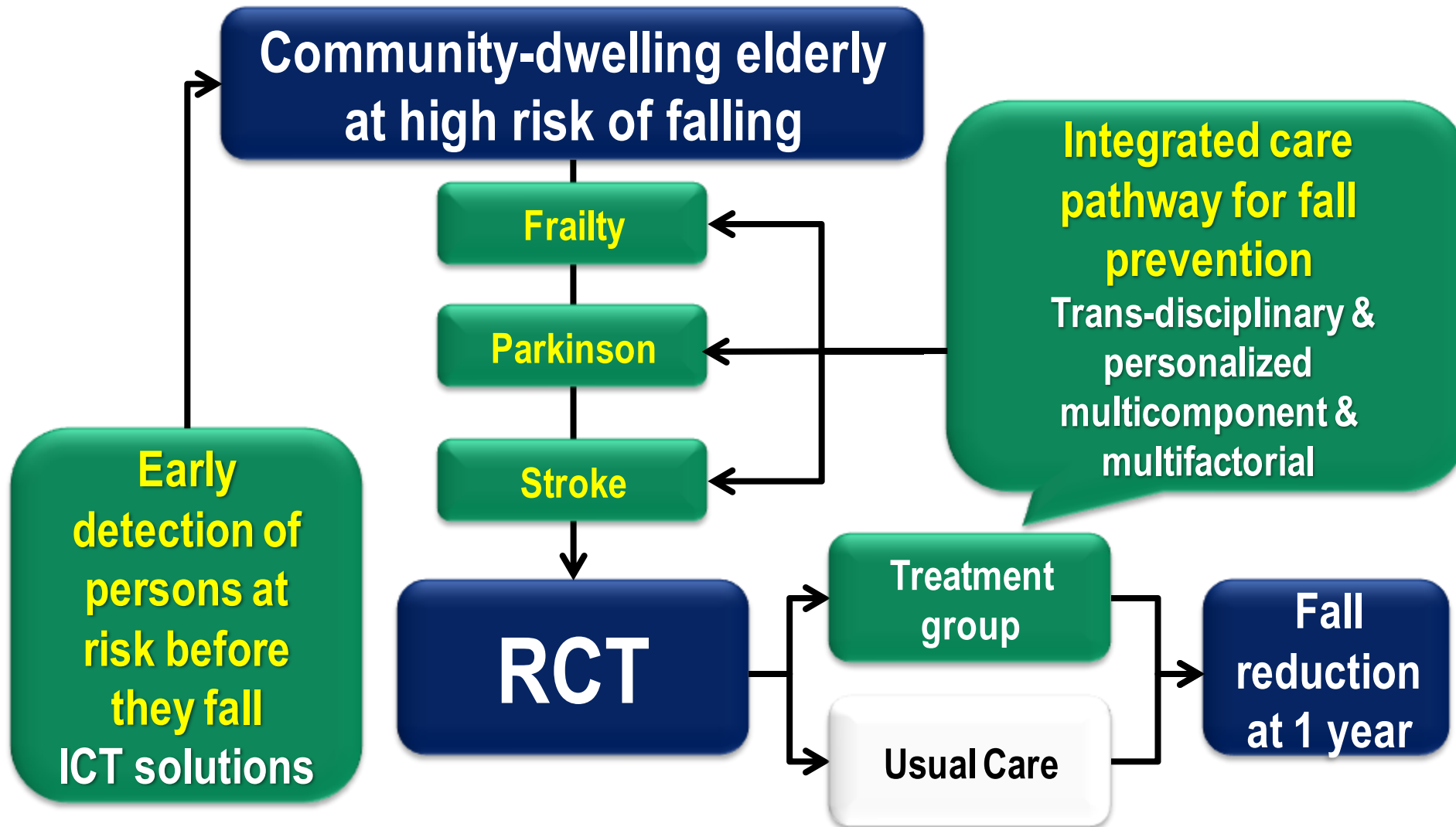


Personalized intervention (RCT)

- *“Efficacy of a multifactorial and personalized intervention aimed at preventing falls in **community-dwelling elderly** in comparison to the usual care: a **randomized controlled trial**.”*
- PI: Fabio La Porta, MD (**Rehabilitation Unit**, Modena)
- **Transdisciplinary, multicenter** study
- **Approved for funding** by the Emilia Romagna Health Authority
- **Approved by the local ethical committee**
- Time frame: **August 2014 – July 2016**



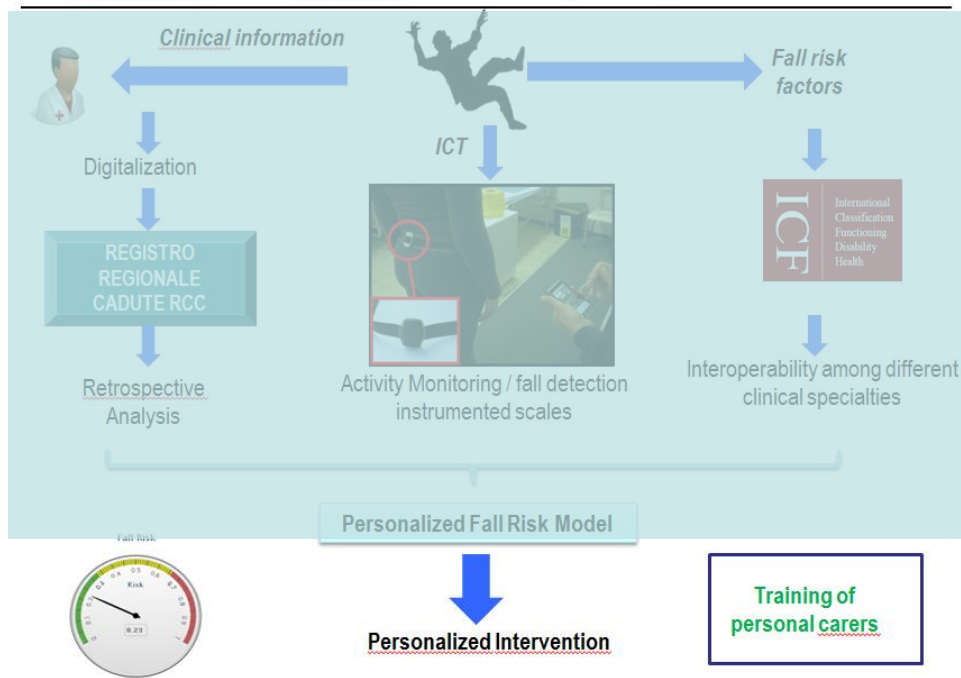
Randomized Clinical Trials: aims



Secondary goal: ICT-based screening tool validation

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Prevention Of Falls Initiative in Emilia Romagna: a regional network for fall



Fall Risk Calculator

Working Group 3

- Mapping of the identified fall risk model into an operational programme for the prescription of personalized interventions and/or ICT-based assistive devices for falls prevention and rehabilitation in community dwelling older subjects;
- Specific training for personal carers of high-risk subjects;



Mapping EU AAs vs Profiter

	Action Area 1: Implementing an integrated and person-centred service pathway, which is enhanced by ICT and other technologies	Action Area 2: Data and evidence to support the implementation of an integrated and person-centred pathway	Action Area 3: Awareness, information and education to underpin the implementation of an integrated and person-centred pathway	Action Area 4: Governance, innovation, sustainability and scaling up
WG1		✓ D2.2		
W22	✓ D1.2, D1.3			
WG3			✓ D3.1, D3.7	



Conclusion

Research Partnership Governance Ageing

Aknowldgment:

Profiter Coordinator, Lorenzo Chiari (Bologna)

WG1: *Fulvio Lauretani, Giovanna Campaniello (Parma)*

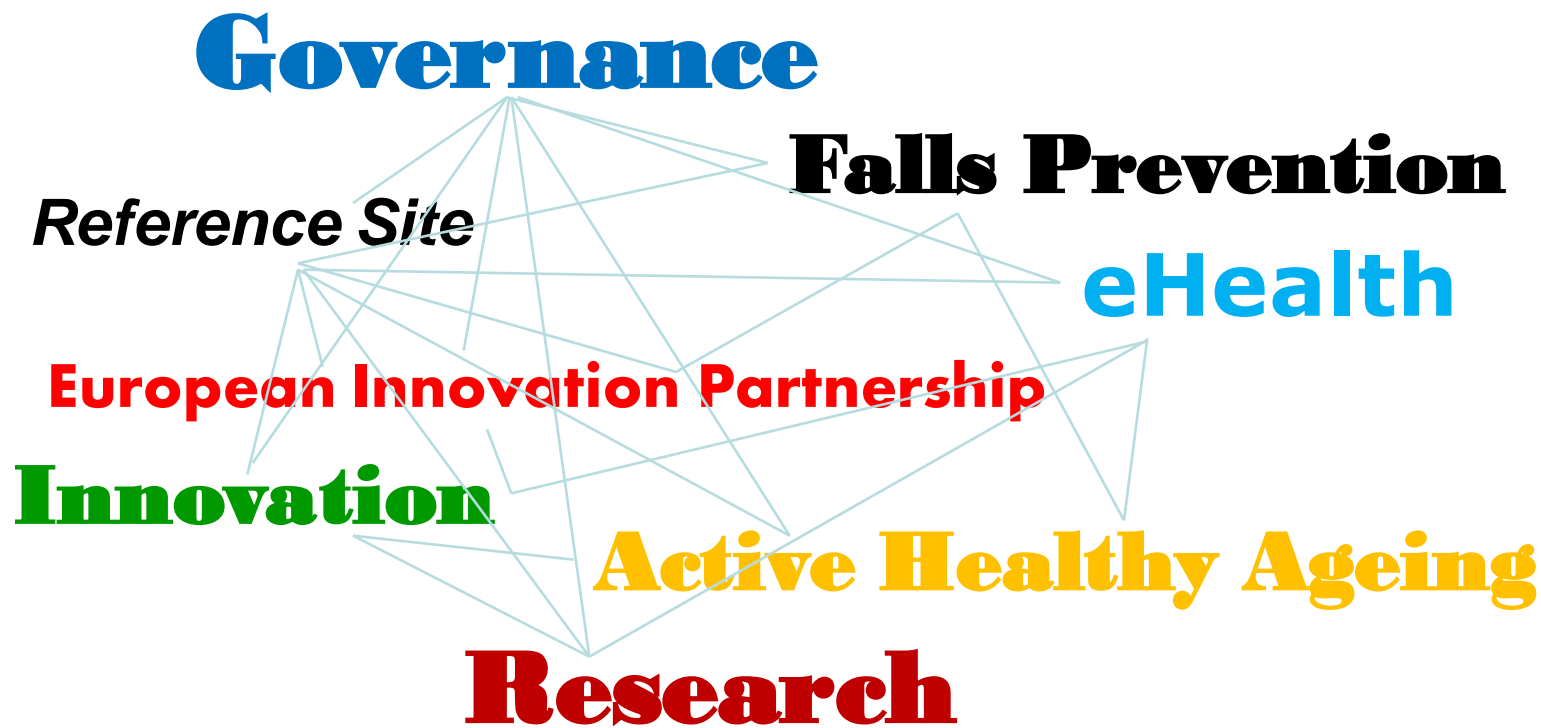
WG2: *Fabio La Porta, Franco Valzania (Modena, Baggiovara)*

WG3: *Giulio Pioli (ASMN Reggio Emilia), Chiara Mussi (Modena, Baggiovara)*

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Conclusion



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