



2010 Government of the Future Summit

*Integrated Care:
tackling Europe's healthcare crisis*

Healthcare case study: Hospital Clinic Barcelona

Hospital Clinic Barcelona - Leading university hospital



Facts and figures

Number of beds	ca. 900
2010 projected expenditure	ca. € 480 million
Area covered	540,000 people

First class healthcare deliverer

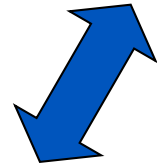
Hospital	Surgical Interventions	Patient Discharges
Hospital Clinic	22,624	47,983
Madrid Uni Hospitals	15,238	33,997



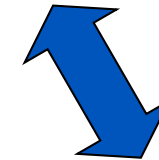
Hospital Clinic Barcelona - Driver for innovation



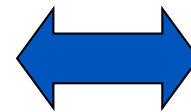
Medical activity



CLÍNICA
BARCELONA
Hospital Universitari



New business model
Innovation unit



Long R&D tradition

SIEMENS
medical

OLYMPUS
Your Vision, Our Future

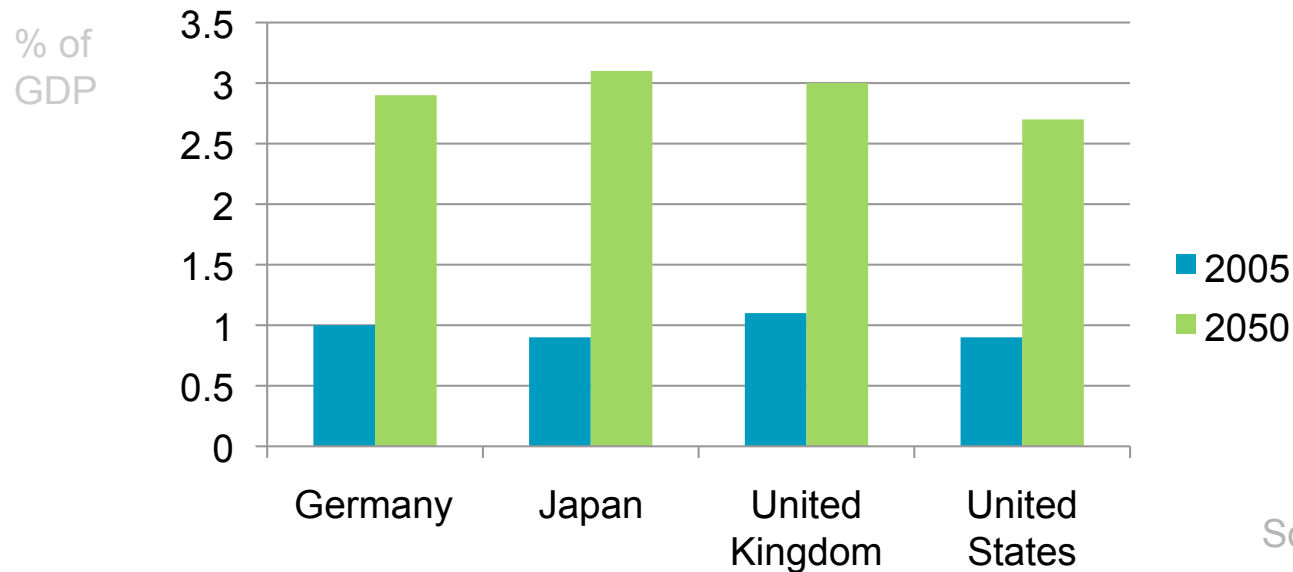
HCB produces 16% of hospital citations and 7,38% of all Biomedical Research citations in Spain.

Context: Europe is facing a healthcare crisis



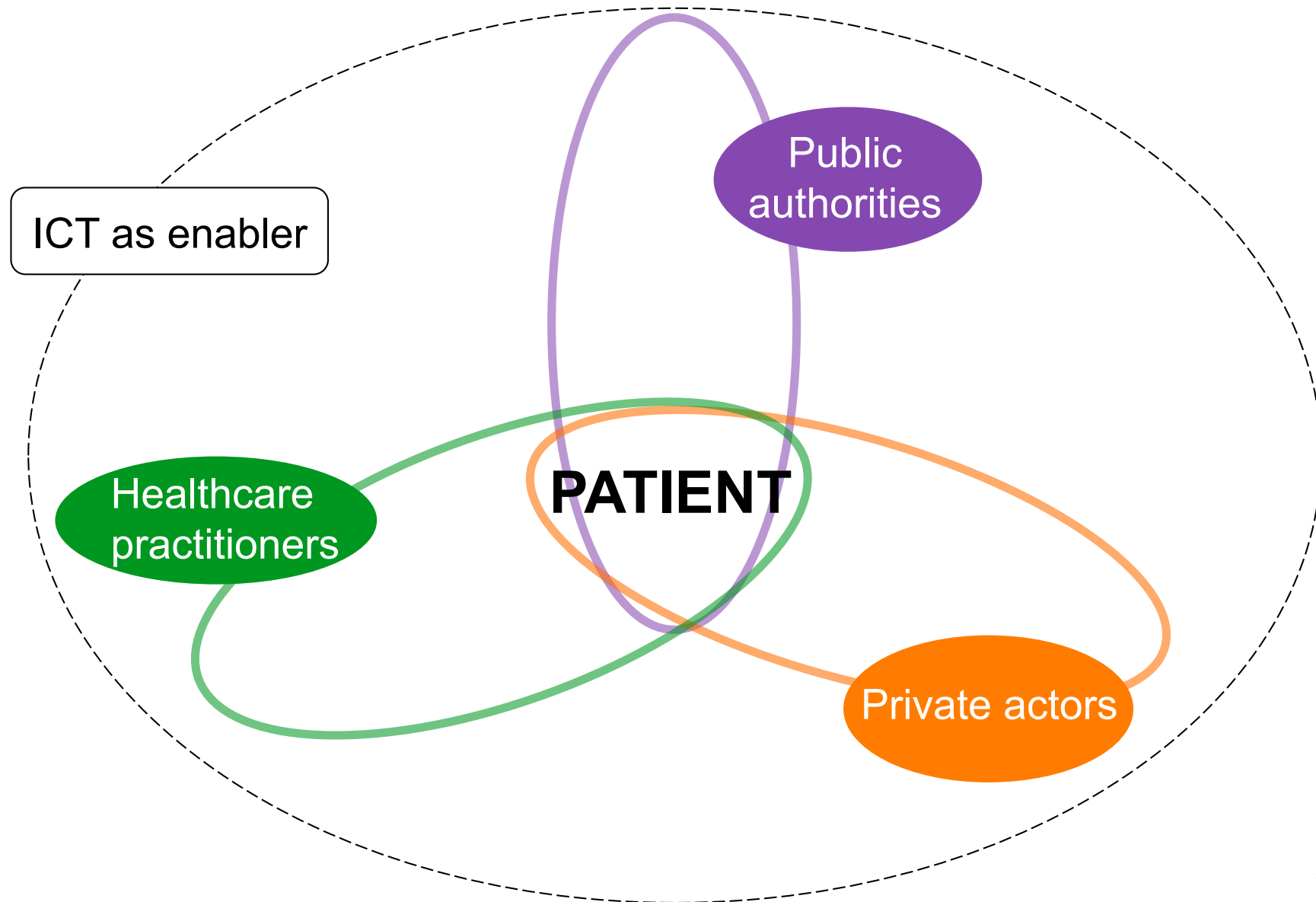
- **Ageing population** (IMF: 65+ population to double by 2050)
 - **Chronic diseases** (WHO: will account for 86% of all deaths by the next decade)
- ➔ **Soaring healthcare costs** (leading to general poverty spiral)

Projected Public Long-Term healthcare Expenditures



Source: OECD 2006

Consensus opinion: Integrated Care is best answer to the crisis



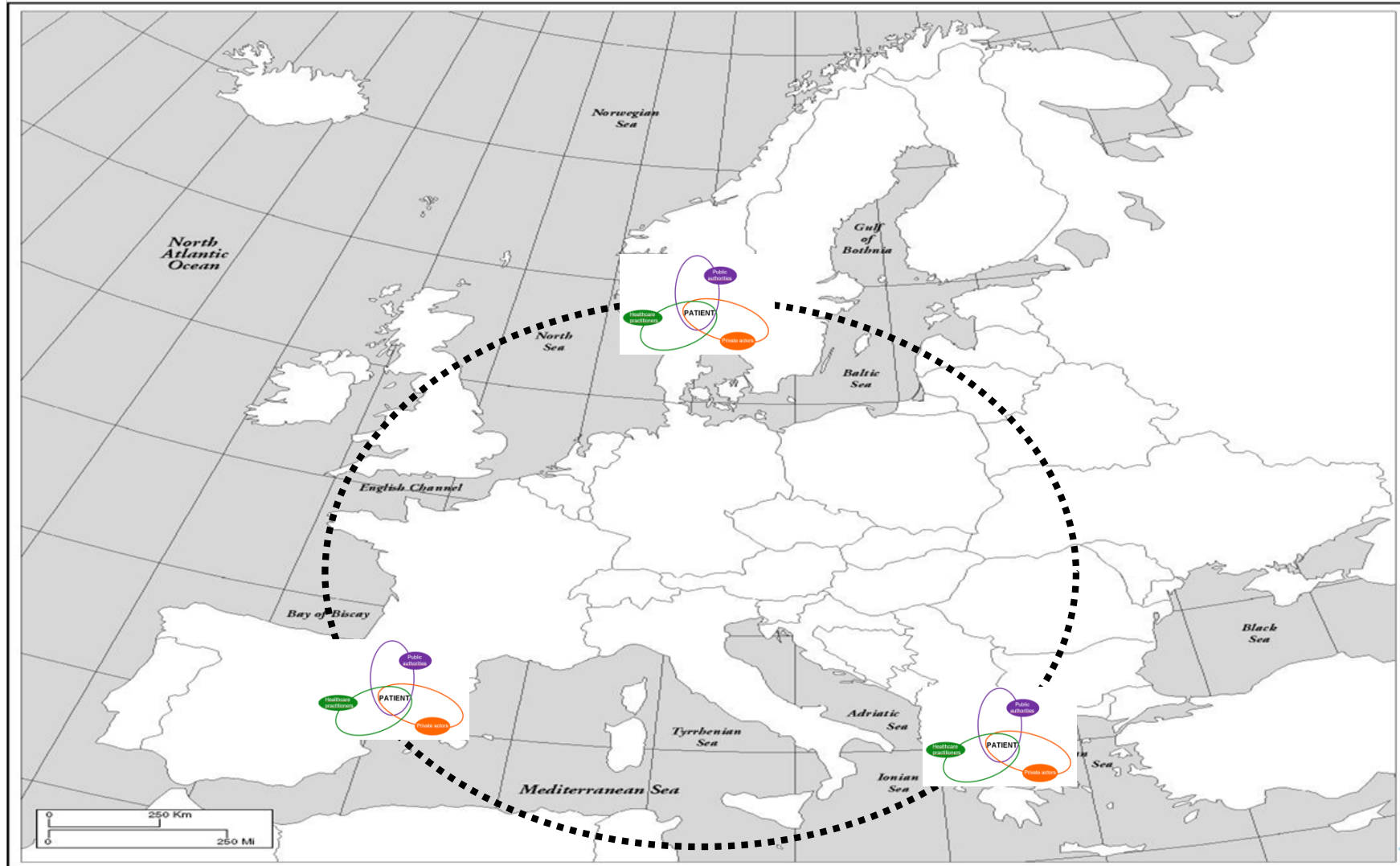
How to progress Integrated Care projects beyond pilot phase?



Our objectives

1. Identify constraints to deployment beyond pilot phase
2. Make recommendations to overcome the constraints

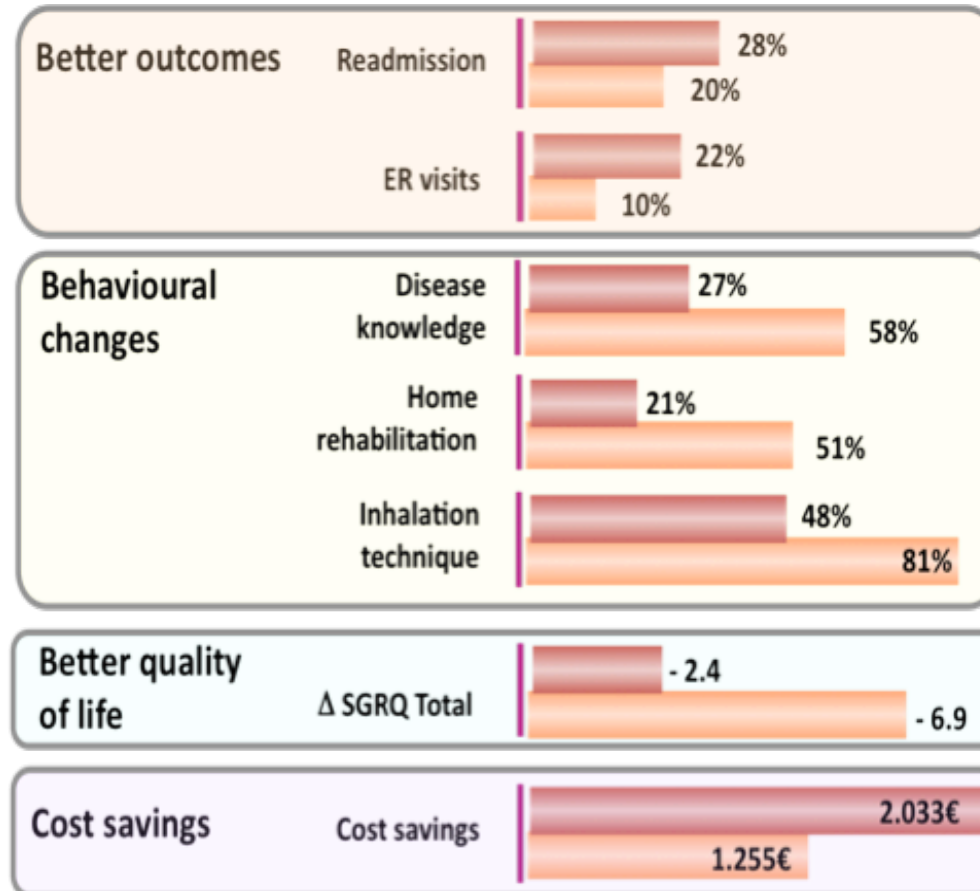
Using best practice of project NEXES to fulfill our objectives



Produced by the Cartographic Research Lab
University of Alabama

NEXES turns Integrated Care theory into practice

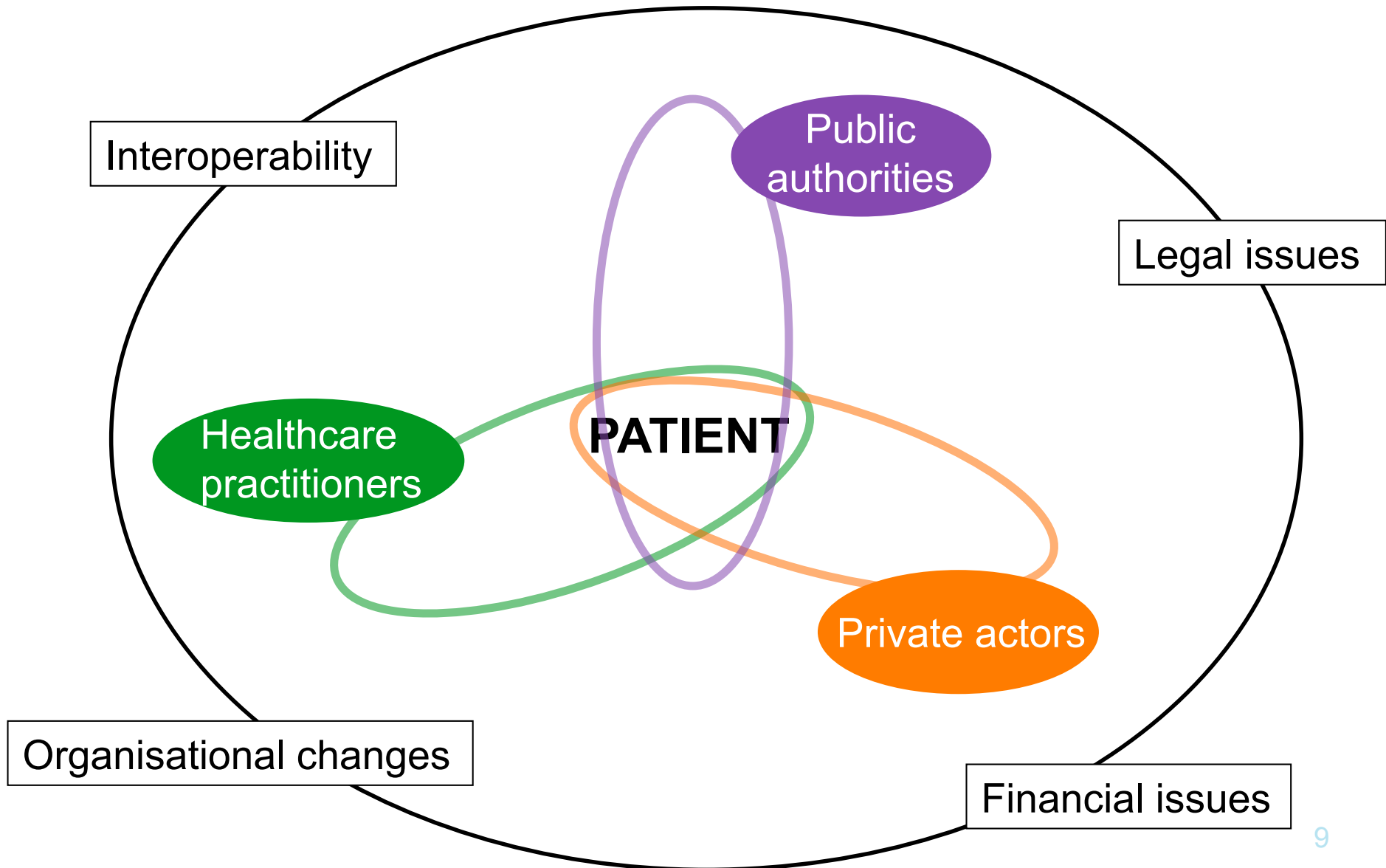
Clear evidence of improved outcomes



■ Before NEXES
■ NEXES

Eur Respir J 2003; 21:58-67 / Eur Respir J 2006;28:1-8

Four main challenges to wider deployment of Integrated Care model

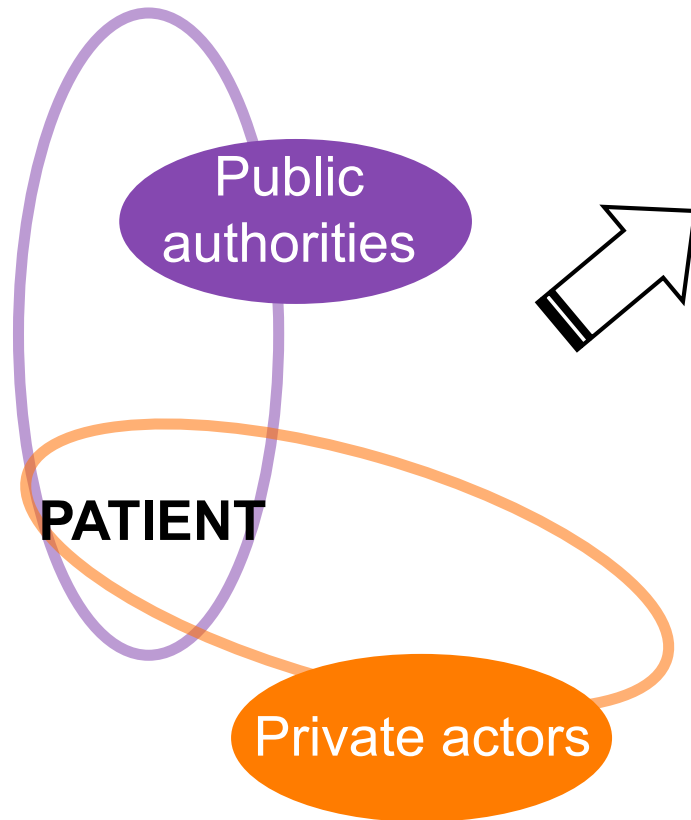


Recommendations

Challenge 1: interoperability



Who?



What?

Modular, open systems

Semantic standardisation

Knowledge sharing

Recommendations

Challenge 2: legal issues

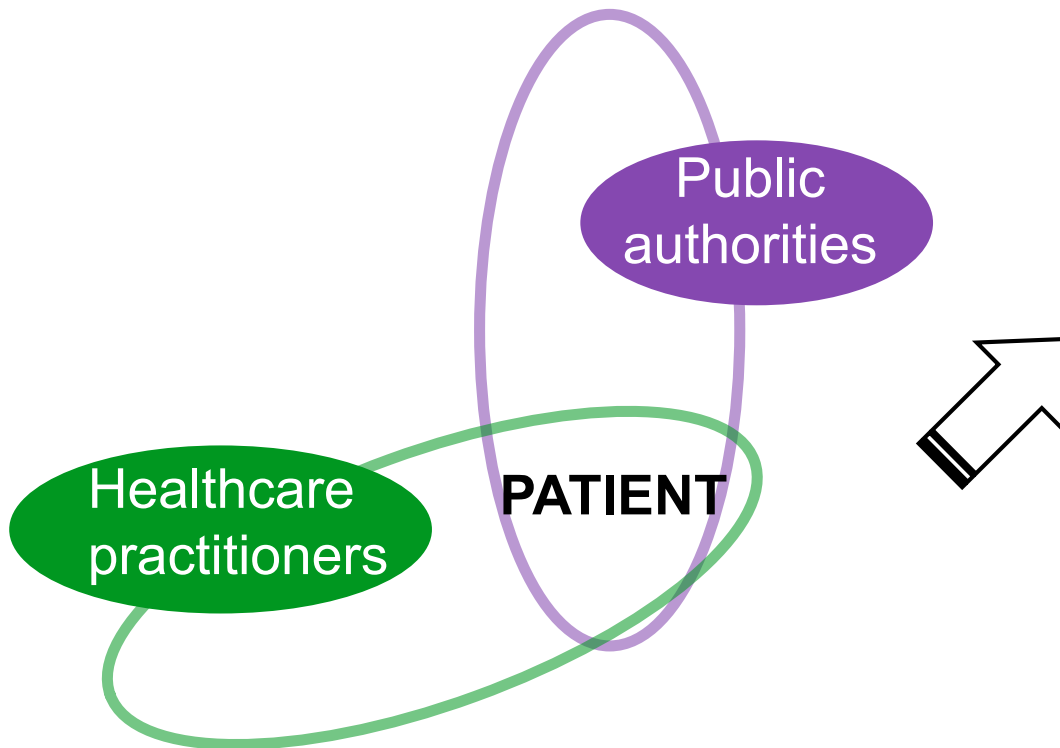


Who?

What?

New roles for practitioners

Data protection

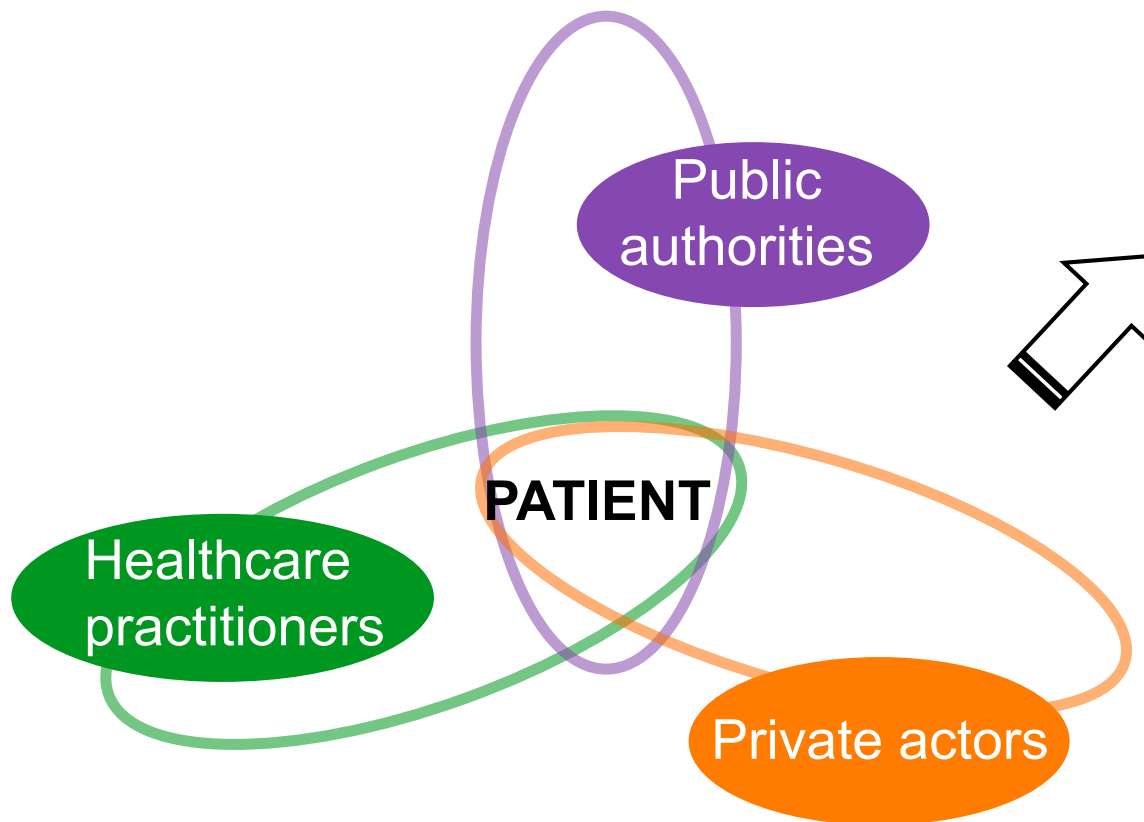


Recommendations

Challenge 3: financial issues



Who?



What?

Funding

Re-imbursement

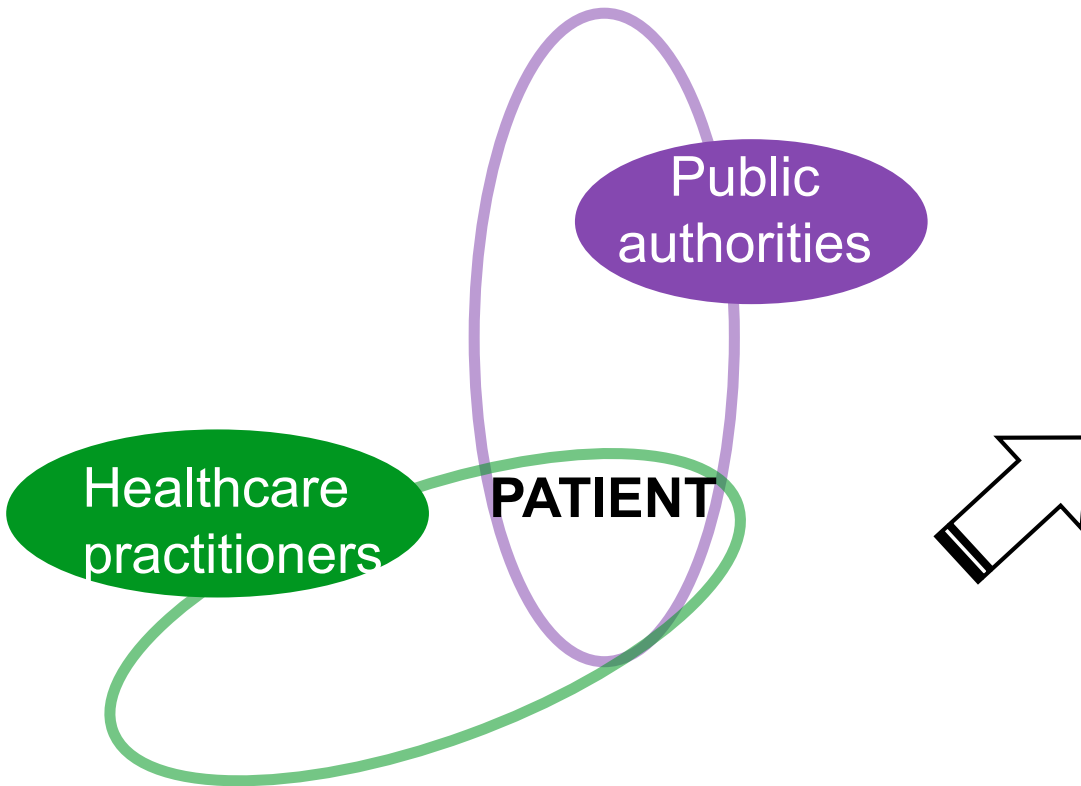
Recommendations

Challenge 4: organisational changes



Who?

What?



Involvement of practitioners

Multi-disciplinary approach

EU has crucial role to play as facilitator

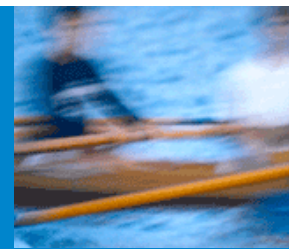


Empower local level through “small-scale” project funding

Facilitate networking (events, web, working groups, etc.)

Capitalise on the work of trans-sectoral advocacy groups (ETHEL, etc.)

Partnerships at project level are critical to success



Actions

- ✓ **Modular, open systems**
- ✓ **Semantic standardisation**
- ✓ **Knowledge sharing**
- ✓ **New roles for practitioners**
- ✓ **Data protection**
- ✓ **Funding**
- ✓ **Re-imburement**
- ✓ **Involvement of practitioners**
- ✓ **Multi-disciplinary approach**



WIDER DEPLOYMENT OF NEXES-LIKE PROJECTS

Supporting Organizations



Brugge

College of Europe
Collège d'Europe



Natolin