The new Catalanian Information Systems Strategic Plan
Building together a digital health strategy for Catalonia

Harnessing the power of data to support the continuity of care

Jordi Piera Jiménez
Secretary of the Strategic IT Board
Catalonian Ministry of Health

HIMSS Italian Community - Rome 12/11/2018
Public Catalan Health System

- Life expectancy **83 years** (2016)
- Birth rate **9,2** (2016)
- Infant mortality **2.47** (2016).
- **70 Hospitals.**
- **421 Primary Care** centres.
- **240 Mental Health** centres.
- **140 Social & Health** centres.

**Healthcare Model features**

- Funded by taxes, co-payment in pharmaceutical products
- Universal coverage, free access
- Very wide range of publicly covered services
- Services provided mainly in public facilities
- **Multi-provider model** (>160 providers) integrated into a single public network
Current situation of ICT in Health

2009
2007
2014

Patient portal (PHR)

HC3-eCAP 2018-2019

HC3 EHR
Image
e Prescription

i-S3.Cat
Care Process platform

Primary Care

Specialized Care (>29 IS)

eCAP
OMI y otros
SAP ARGOS
SAP
HP
SAVAC
Others

Non face to face Health model
Data mining model

2017-2018

App Salut 2018

Catalan Health Digital platform

HC3 2007-2018
Catalan health and social information network (SCR, PHR and IS3)

These platforms interact with all IS of different health and social* centers and create the clinical information network in Catalonia.
• Consolidate a person-centred model of information systems that enables clinical and managerial decision-making across the care cycle.

• Establish a governance model of information systems with a solid community support while ensuring care continuity.

• Set out a financing framework to ensure implementation and sustainability over time.
Information Systems model

- **ECR**: Electronic Care Record for all citizens.

- **RCDS**: Central repository for operational and strategic decision-making.

- **Workstations**: rationalization, certification and renovation; digital transformation.

- **Governance**: structural, normative and participatory within the Catalanian network of providers.
• ECR is the functional and technical repository of all relevant personal information which requires to be recorded and shared along the health and social care system.

• It is a conceptual and technological evolution of clinical records, currently stored in the various healthcare providers’ information systems.

• This repository will be built around the Primary Care IS and will progressively replace the current information systems based on interoperability.
Thanks!!

Jordi Piera Jiménez
Secretary of the Strategic IT Board
Catalonian Ministry of Health
jpiera@bsa.cat
@jpieraj