



The European Institute For
Innovation Through Health Data

Patients
Health Care
Hospital
Physician
Clinical Research
Service Providers

DATA

HEALTH

Health Care
Doctor
Hospital
Pharmacist
Nurse
Dentist
First Aid
Surgeon
Emergency

THE i~HD NETWORK OF EXCELLENCE FOR HOSPITALS

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i~HD European Network of Excellence for Hospitals

Aims:

- to support European hospitals (and, later, other care providers such as general practice)
 - to collect health data of the highest possible quality
 - to make the best use of their health data internally (for patient care and for organisational quality improvement)
 - to make the best use of their health data externally (supporting continuity of care, public health strategy and research that is publicly funded and industry sponsored)

i~HD European Network of Excellence for Hospitals

Objectives for 2017

- Create a mutual support and shared learning community of hospitals wishing to accelerate their uses of health (EHR) data for clinical research and to become better learning health systems
- Develop and promote good governance practices to enable trustworthy internal and external reuse of hospital EHR data for knowledge discovery
- Develop and deliver education, good practices and tools (such as data quality improvement measures) that maximise their capability to reuse their health data
- Help hospitals to optimise the ways in which they use and benefit from their EHR systems
- Support hospitals with demonstrating the value to themselves and to other stakeholders from good uses of their health data

The i~HD Network of Excellence Steering Committee

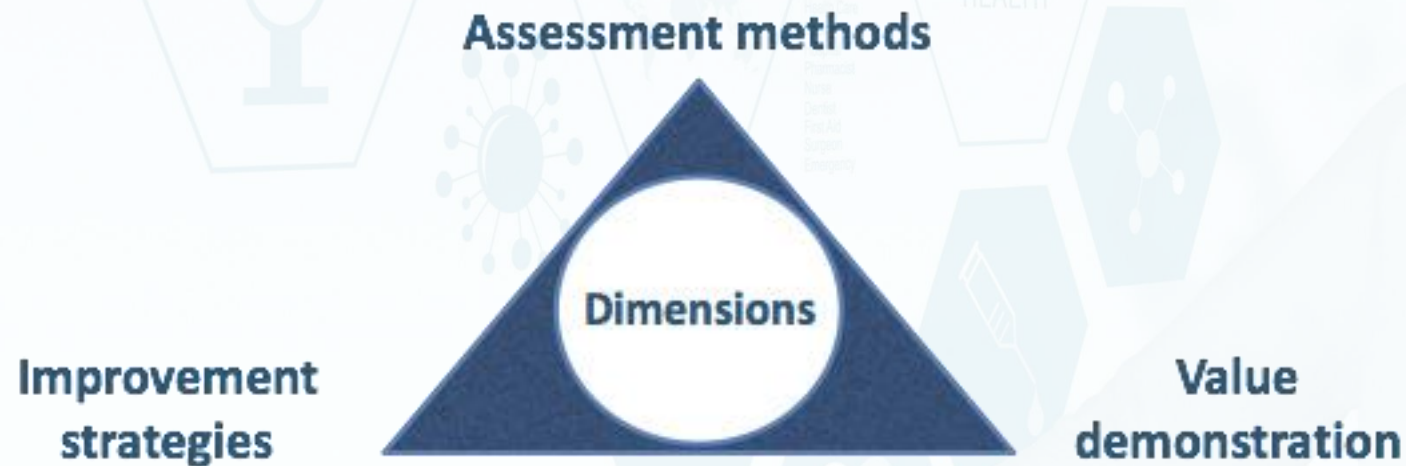
- Dipak Kalra, i~HD, Belgium
- Pascal Garel, HOPE, Belgium
- Jacques Demote, ECRIN, France
- Giuseppe Banfi, General Director, Fondazione Centro San Raffaele, Milan, Italy
- John O'Brien, former hospital CEO, Ireland
- Tony Amato, Executive Director, Clinical Trials Center, Policlinico Gemelli, Rome, Italy
- Philippe Lechat, Director Clinical Research and Innovation, AP-HP, France
- Tine Lewi, Janssen Pharmaceuticals, Belgium
- Patient organisation representative, TBC
- *Network Manager: Andrea Jahraus*
- *Support team: Geert Thienpont, Karl Wouters, Niels Verhavert*

Hospital NoE initiatives

- Data quality service for hospitals
 - training in assessment methods and tools
 - benchmarking data quality and support with improvement
 - establishing a peer network for data quality improvement strategies
- Support with good EHR systems use
 - regular surveys of readiness for organisational learning and research from the EHR
 - guidance on how to make more meaningful use of EHRs
- Evidence of value from health data
 - collecting and sharing good practices in value realisation from health data, at hospital level and wider uses
- Information governance
 - good practices for hospitals reusing EHR data
 - educational materials for staff training in privacy protection
- Forging collaborations with other network organisations: ECRIN, HOPE, EPF...
- Holding regular NoE conferences and workshops

i~HD Data Quality Task Force

- Developing and promoting data quality assessment methods, tools and improvement strategies



- Emphasis on:
 - Clinical trials: the data needed for patient eligibility screening and potential recruitment
 - Research using big (real world) data
 - Hospital learning about their quality and safety of care

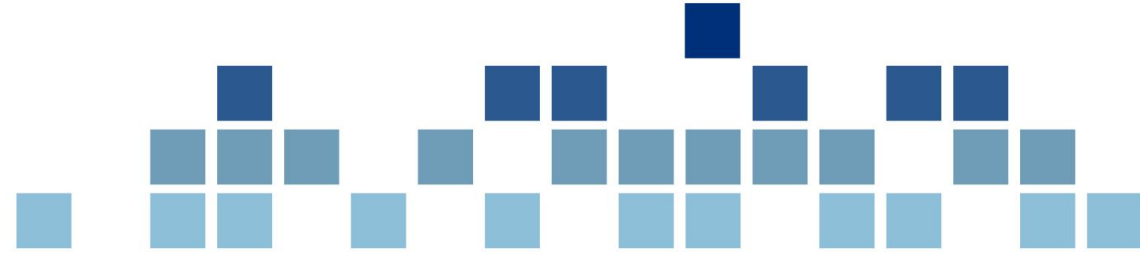
i~HD survey of hospital EHR utilisation maturity

Aims:

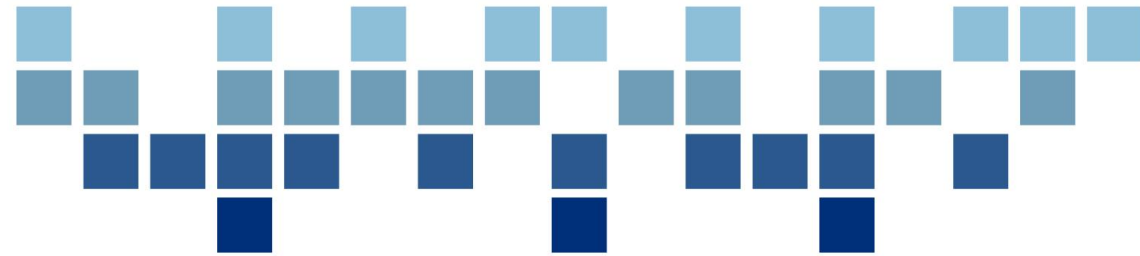
- To understand the maturity of use of EHR systems across European hospitals
 - the extent to which clinical data are held in structured and coded forms
 - the adoption of standards
 - the capability of sharing information with other healthcare organisations
 - the readiness for reusing the EHR data for learning and research
- To enable us to develop (and co-develop with others) approaches and guides to help hospitals to increase the value they gain from using their EHR systems well, and increase their capability to conduct research

Collecting and sharing outcomes and benefits

- A workshop will be held this winter, primarily for hospitals
- Day 1 on clinical outcomes
 - to be jointly run with the International Consortium for Health Outcomes Measurement (ICHOM)
 - to share best practices in defining and collecting clinical outcomes
 - ideally outcomes that can be derived from good quality EHR data
- Day 2 on value and benefits realisation
 - defining the economic and societal benefits from better health data
 - sharing ways of collecting business case evidence
 - invited health economics and hospital CEO experts



The European Institute For Innovation Th~ugh Health Data



Enriching knowledge and enhancing care through health data