



European Medical Information Framework

Digital Citizen – Digital Patient
Tallinn

29 June 2017





“The patients are waiting!”

To eliminate disease
through developing highly
innovative
medical solutions for people
around the world



Dr. Paul Janssen

Need for patient engagement



New medical solutions are increasingly expected to provide a higher level of value...beyond efficacy and safety

The role of the patient is expanding...



- Regulators, payers and other critical stakeholders are increasingly reflecting the patient perspective

Patients/advocacy groups want to get involved...



- Patients and advocacy groups working on their behalf are influencing policies and decisions

Pharma companies become increasingly aware...



- Multiple companies have begun to adapt to the increased prominence of the patient

Project overview



ACADEMIC PARTNERS



- ❖ 58 partners from 14 European countries
- ❖ €56 million worth of resources
- ❖ Three projects in one
- ❖ Five year project (2013 – 2017)



SME PARTNERS



EFPIA PARTNERS



PATIENT ORGANISATION



Our vision



To be the trusted European hub for health care data intelligence, enabling new insights into diseases and treatments

EMIF supports flow from:

Data Discovery

└─▶ Data Assessment

└─▶ Data Reuse



Project objectives



EMIF-Platform



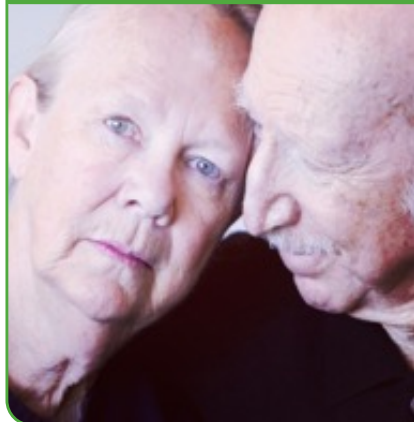
Develop a framework for evaluating, enhancing and providing access to human health data across Europe, support EMIF-Metabolic and EMIF-AD (the specific topics below) as well as support research using human health data in general

EMIF-Metabolic



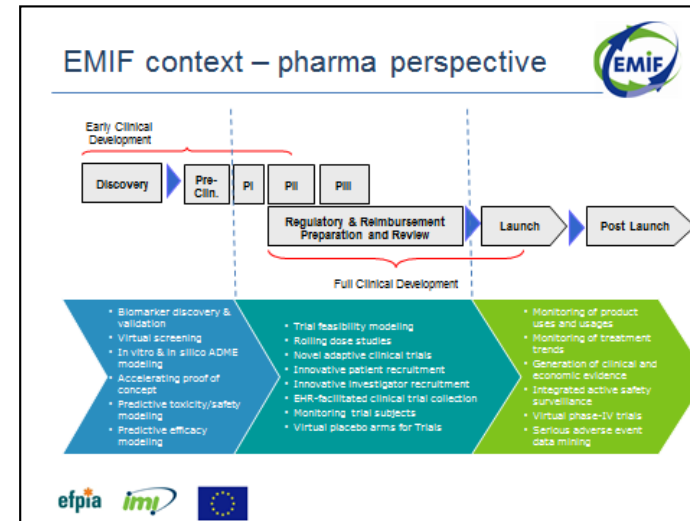
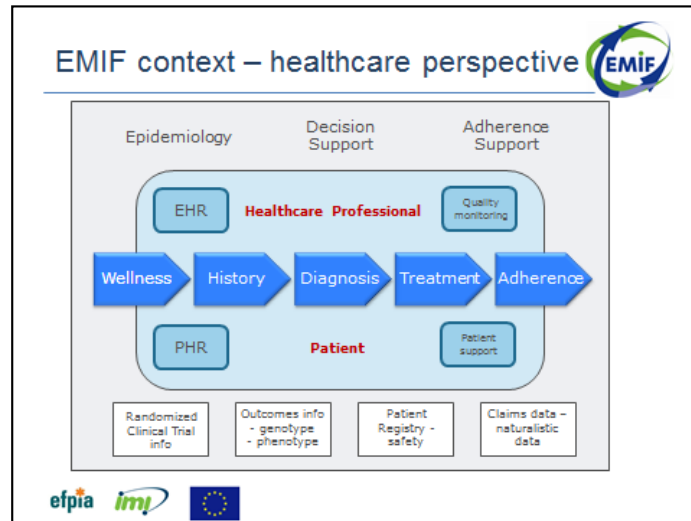
Identify predictors of metabolic complications in obesity, with the support of EMIF-Platform

EMIF-AD



Identify predictors of Alzheimer's Disease (AD) in the pre-clinical and prodromal phase, with the support of EMIF-Platform

RWD benefits



benefits for stakeholders

Patients

- Improved management of their disease, e.g. adherence
- Better care through integration of information
- Optimal outcome because best information is available to HCP at point of care
- Reduction of repeat interventions

Healthcare Professionals

- Improved decision-making at the point of care
- Holistic view on patients
- Quality monitoring supports certification and benchmarking
- Data driven “case-management” approach
- Predictive screening and preventative interventions

Payers / Policymakers

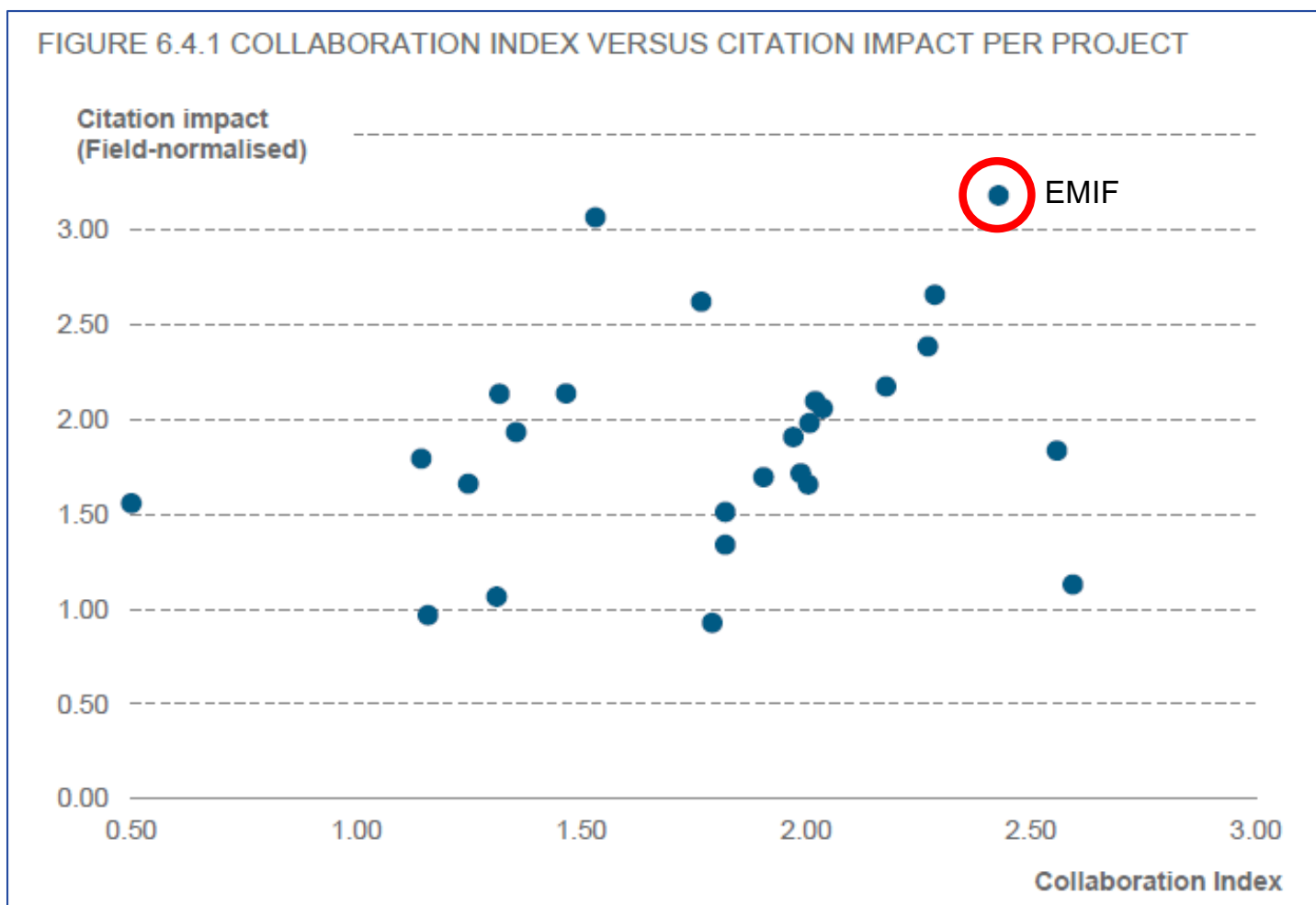
- Integrated, “systems” approach ensuring the most efficient use of resources
- Improved mid, long-term outcomes for members
- Possibility to profile as healthcare innovator focused on improving care

Pharma

- “Making a difference”
- Building trust as partner for HCPs and patients
- Gaining unique insights through partnering
- Access to health information to guide in product life cycle management
- Improve company image

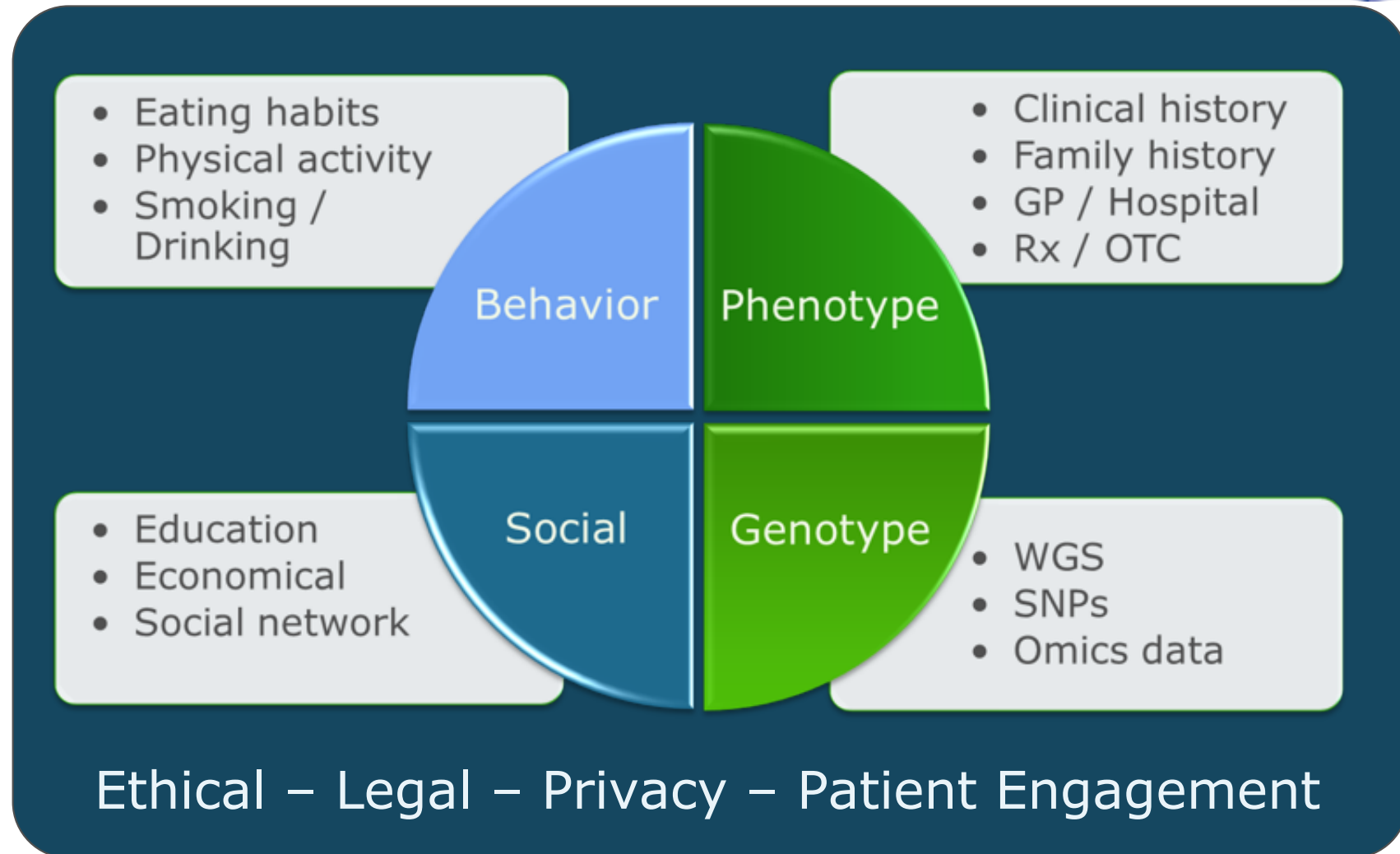
Better insights lead to better health

IMI creating a productive environment

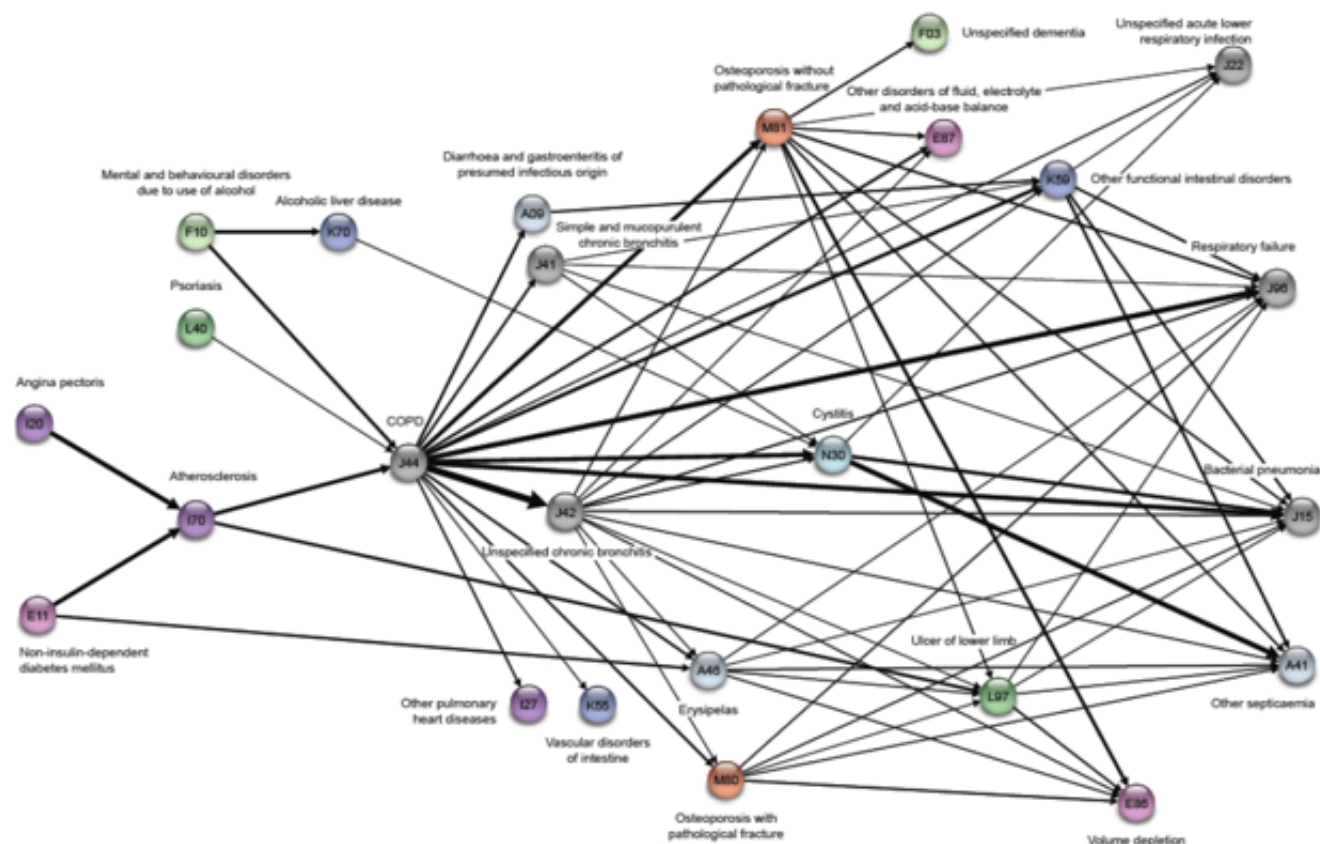


High collaboration – high impact

Future goal – holistic view



Patient trajectory mapping



ARTICLE

Received 22 Jan 2014 | Accepted 1 May 2014 | Published 24 Jun 2014

DOI: 10.1038/ncomms5023

OPEN

Temporal disease trajectories condensed from population-wide registry data covering 6.2 million patients

Anders Boeck Jensen^{1,2}, Pope L. Moseley^{2,3}, Tudor I. Oprea^{1,3,4}, Sabrina Gadé Elisee², Robert Eriksson^{1,2}, Henriette Schmock², Peter Bjedstrup Jensen², Lars Juhl Jensen² & Søren Brunak^{1,2}

Where member states can help...



Patient Participation Group

By creating an ecosystem that is “inclusive” and “conductive” to data drive health innovations





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