Electronic Health Records Systems for Clinical Research (EHR4CR)

consortiapedia.fastercures.org/consortia/ehr4cr/

Research Areas

- **Tool Development**
  - Data Sharing

- **Data-Sharing Enabler**

- **Product Development**
  - Data

At a Glance

- **Status:** Active Consortium
- **Year Launched:** 2011
- **Initiating Organization:** Innovative Medicines Initiative
- **Initiator Type:** Government
- **Location:** Europe

Abstract

The Innovative Medicines Initiative (IMI) Electronic Health Records Systems for Clinical Research (EHR4CR) project will run over five years (2011-2015) with a budget of more than €16 million and 34 academic and industrial partners. The EHR4CR project is one of the largest public-private partnerships aimed at providing adaptable, reusable, and scalable solutions (tools and services) for reusing data from electronic health records (EHRs) for clinical research. EHR data offer large opportunities for the advancement of medical research, improvement of healthcare, and enhancement of patient safety.

Mission

The EHR4CR project mission is to deliver sustainable, value-added solutions for the trustworthy reuse of eHealth data and information to improve global clinical research. Its vision is to be the trusted gateway to eHealth information for research and knowledge discovery to transform healthcare worldwide. Its values are as follows:
**Structure & Governance**

A Steering Committee, Executive Committee, Ethics Board, Advisory Board, and Strategic Business Model Innovation forum govern EHR4CR. The Steering Committee consists of all consortium participants and is used for annual project review, approval/removal or participants, and approval of resource shift across Work Packages/project participants. The Executive Committee consists of 11 participants and is used for operational project-leadership, continuous project review, issue resolution, and proposal of changes within projects.

The project involves three Work Packages: Engagement and Business Model, Informatics Tools and Services, and Pilots.

**Financing**

IMI has contributed €7.2 million, the European Federation of Pharmaceutical Industries and Associations (EFPIA) has contributed €7.7 million in kind, and other sources have contributed €2.1 million, for a total cost of €17.0 million.

**Patent Engagement**

EHR4CR works with patient associations, government agencies, and charities to ensure that the data flows meet their needs and address privacy concerns. No identifiable information is shared. Even de-identified data from hospitals is not shared; only patient counts are available.

**Data Sharing**

Project deliverables only can be obtained upon request by completing a form on the consortium homepage. Only the deliverables that are accepted by the IMI scientific officers can be requested.
EHR4CR produced an animated video in April 2014 detailing the project’s main goal to significantly improve healthcare research by advancing the ability of industry and academia to securely analyze de-identified EHRs, strictly complying with data privacy, ethical, regulatory, and legal policies. The project will enable hospitals to participate more efficiently in more clinical trial programs and, ultimately, will ensure faster access for patients to safe and effective medicines.

Project deliverables only can be obtained upon request by completing a form on the consortium homepage. Only the deliverables that are accepted by the IMI scientific officers can be requested.

Deliverable D1.1: Scenarios, stakeholder requirements, standards, legal and regulatory constraints, gap analysis, medico-economic modeling framework.

Deliverable D2.1: Environment scan (including stakeholders, scenarios, constraints, and opportunities)
Environment scan (including stakeholders, scenarios, constraints and opportunities)
Platform sustainability business model options
Business Model Innovation: value proposition and strategic plan

Deliverable D3.1: Initial EHR4CR architecture and interoperability framework specifications
A snapshot of the architecture description for the EHR4CR platform taken after the first year of the project

Deliverable D4.1: Inventory of information and knowledge models and definition of EHR4CR information models
A major barrier to repurposing routinely collected clinical data for clinical research is that real-world information systems in both domains — patient care and clinical research — use different information models and terminology systems.

Deliverable D5.1: Requirements and specifications of the security and privacy services
Work Package 5 focuses on requirements and specifications of the security and privacy services from legal and technical points of view. This document provides an extended executive summary of the deliverable D5.1.

Deliverable D6.1: Definition of the PFS services (requirements, initial design)
One of the first steps in the design of any clinical study is determining the feasibility of the protocol to
be executed.

Deliverable D7.1: Establish specification for data acquisition and standards used, including a concept for local interfaces
This document describes the Work Package 7 deliverable of the first year.

Links/Social Media Feed

LinkedIn https://www.linkedin.com/groups/Electronic-Health-Records-Clinical-Research-8297036?home=&gid=8297036
Homepage http://www.ehr4cr.eu/
Other website http://www.imi.europa.eu/content/ehr4cr

Points of Contact

Project Coordinator
Mats Sundgren
Principal Scientist
Global Clinical Development
AstraZeneca, Sweden
email: mats.sundgren@astrazeneca.com

Deputy Coordinator
Andreas Schmidt, M.Sc., ECPM, Dipl. Pharm. Med. SwAPP, MCPM
Manager European External Collaborations
Clinical Operations and Innovation Management, Product Development
F Hoffmann-La Roche Ltd, Basel Switzerland
email: andreas.schmidt.as3@roche.com

Managing Entity of IMI Beneficiaries:

Dipak Kalra
President of EuroRec
The EuroRec Institute, Belgium
email: dipak.kalra@eurorec.org

Georges De Moor
Past President of EuroRec
The EuroRec Institute, Belgium
email: georges.demoor@eurorec.org

For press inquiries:
email: press@ehr4cr.eu

Sponsors & Partners

AMGEN
Assistance Publique - Hôpitaux de Paris (APHP)
AstraZeneca
Athens University Medical School (UoA)
Bayer Health Care
CDISC Europe Foundation
Custodix NV
eClinical Forum Association
European Association of Health Law Website (EAHL)
European Molecular Biology Laboratory (EMBL-EBI)
European Platform for Patient Organisations (EPPOSI)
F. Hoffmann-La Roche Ltd. (Roche)
Friedrich-Alexander-Universitaet Erlangen-Nürnberg
GlaxoSmithKline
Heinrich-Heine-Universitaet Duesseldorf (representing ECRIN)
Hôpitaux Universitaires de Genève
Institut National de la Santé et de la Recherche Médicale - U872, Eq20
Johnson & Johnson
Kings College London (KCL)
Lilly
Medical University of Warsaw (Polcrin)
MERCK KGaA
RAMIT vzw
Sanofi-Aventis
Telematikplattform für Medizinische Forschungsnetze
The EuroRec Institute (EuroRec) Managing Entity
Université de Rennes (INSERM U936)
University College London (UCL)
University of Dundee
University of Glasgow
University of Manchester
Westfälische Wilhelms-Universitaet Muenster
Xclinical Gmbh

Updated: 04/22/2016