InSite Champion Programme & European Medical Informatics Framework Initiatives

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InSite is an innovative platform that enables the trustworthy re-use of Electronic Health Records (EHR) data for research. InSite facilitates the collaboration between clinicians and researchers and aims to maximise the output of clinical research through new technology.

https://www.insiteplatform.com/

InSite is supported by a community of clinical sites that want to maximise their involvement in clinical research with academic and industry research organisations.
InSite is a secure service platform built on a network of connected health care organisations.

InSite offers a harmonised view on heterogeneous clinical data sources through easy to use applications.

InSite supports clinical research of: AMGEN, AstraZeneca, Boehringer Ingelheim, ICON, Janssen, Roche, SANOFI, Bayer.
Related Initiatives

EHR4CR

EMIF
European Medical Information Framework

IMASIS

InSite Service Platform

EMIF Catalogue
Platform Information Framework
The EHR4CR project

- **EHR4CR** – Electronic Health Records for Clinical Research
  - 4+1 year project (2011-2016), 35 partners, budget >17M€
- Objectives & Scope
  - Provide a scalable platform for **trustworthy re-use of EHR data** to support innovation in clinical research and healthcare operations
  - Unlocking **Real World Data** for optimising clinical trials
- Status
  - Initiating a **EHR4CR Champion Programme**, connecting hospitals to an operational platform, building up experience with pharma
  - Established the **European Institute for Innovation through Health Data** – an independent governance body

For more information: [http://www.ehr4cr.eu/](http://www.ehr4cr.eu/)
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IMASIS: Multicenter Hospital Information System

- Hospital del Mar
- Hospital de l’Esperança
- Centre Emili-Mira
- Centre Fòrum
- Centre Peracamps (ER)
IMASIS-2 Database (Parc de Salut Mar)

1,467,493 Patients in the System

825,194 Patients with at least one diagnosis code in:
- Admissions
- Emergency room
- Outpatient Consultations
- Major Ambulatory Surgery

ICD9-CM

Database last update July 2017
IMASIS and IMASIS-2

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Public
EMIF — European Medical Information Framework
One Platform for data discovery, assessment and (re)use

Access the EMIF Data Catalogue [here](#)

Recent News
EMIF-Platform Information Framework

DATA SOURCE(s)

Data
Integration, linkage, visualisation, analysis
Research questions

End users (researchers, Industry)

Emblem
Innovative Medicines Initiative
European Commission
efpia
No individual patient data leaves the hospital environment.

The only information that leaves the hospital is an aggregated patient count which entails no privacy risk.
InSite central platform screenshot

PFS Authoring criteria (queries)

Clinical concept quick search

Clinical concepts to design queries with (ICD, LOINC, SNOMED, etc.)

Designing feasibility queries (i.e. eligibility criteria)
Benefits for Hospitals

Attract More Clinical Research

Resulting in:
- Better patient care
- New revenue streams

Get Free Access to Software

- Participating sites get access to software for local use
- Champions will get premium versions for free

Remain in Control

Be part of an EU community:
- Steer the future of EHR data reuse
- Always determine how your data is used
“InSite aims to become the central hub where sponsors, care givers and service providers meet up to initiate clinical trials.”
IN SHORT:

• No personal data (of patients) is sent, stored on or processed by the central platform

• All sensitive processes run inside the hospital, under full control of the hospital

• InSite supports pseudonymisation of the data in the local hospital data warehouse

• InSite packs privacy enhancing technology such as “small cells restriction”, which can be configured by hospitals to match their local privacy policies
Relative frequency of the top 50 diagnoses and year of birth
Contact

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