

ICON PITCH: IGNIS

Clinical trials in a world of electronic health records

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**Ingrid Verbauwhede,
K.U.Leuven IBBT-COSIC**

Who are we?

- IBBT-K.U.Leuven Future Health Department
 - Inge.Thijs@biw.kuleuven.be
- IBBT-K.U.Leuven COSIC
 - Karel.Wouters@esat.kuleuven.be
- IBBT-VUB ETRO
 - Ann Dooms, adooms@vub.etro.ac.be



- *Preliminary contacts with some possible industrial partners*
- *Other IBBT research groups in scope*

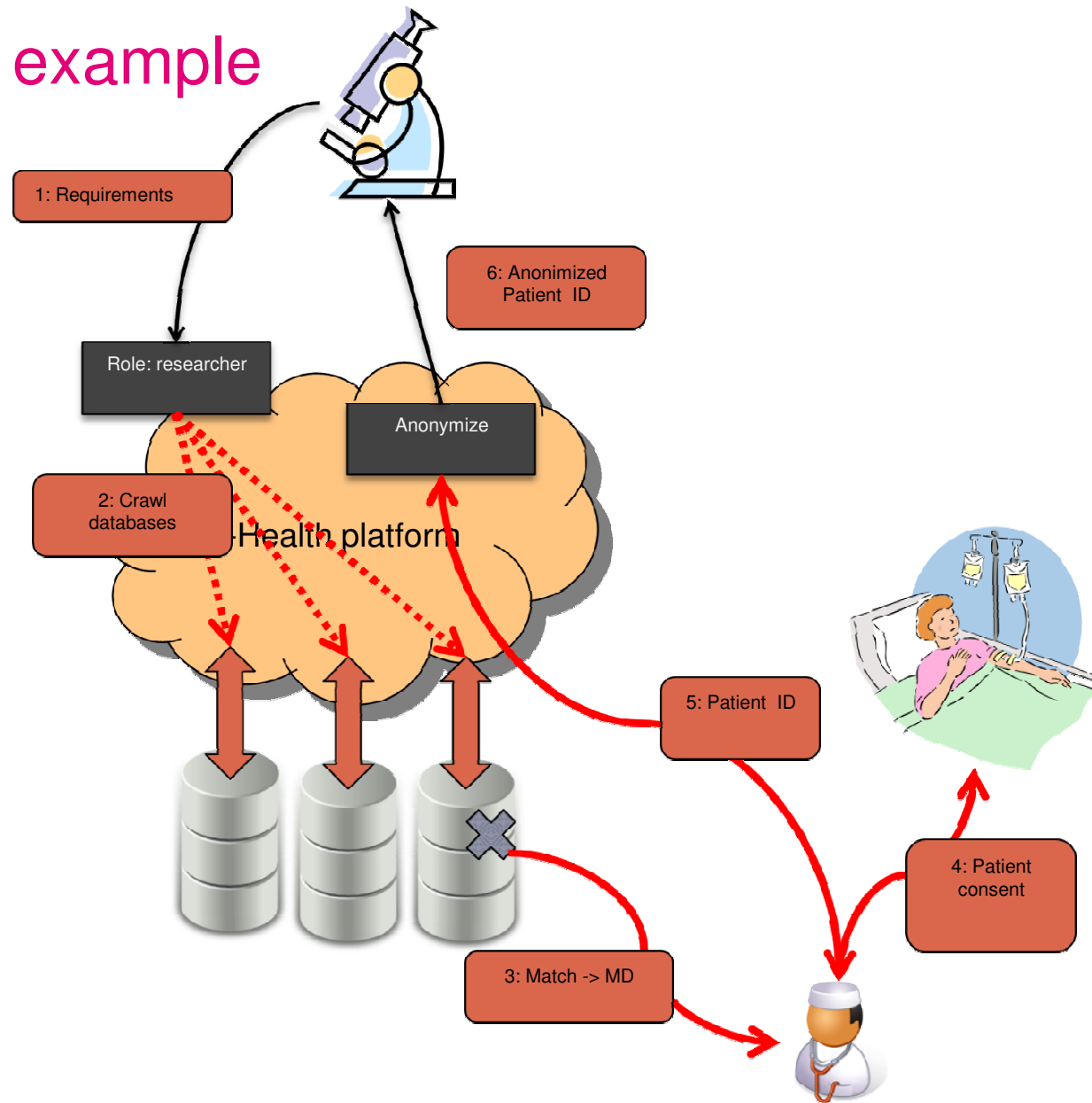
Context and Need

Enabling medical researchers to conduct clinical trials in a more automated way



- **Pre-trial:** Setting up the test group, using a (single) query that specifies the requirements for the subjects of the study
- **During the trial:** automate the gathering of the necessary research data, in a standardised way, making it accesible to the researcher and the treating MD in a uniform way
- **Post-trial:** Storing, disseminating and conserving gathered data

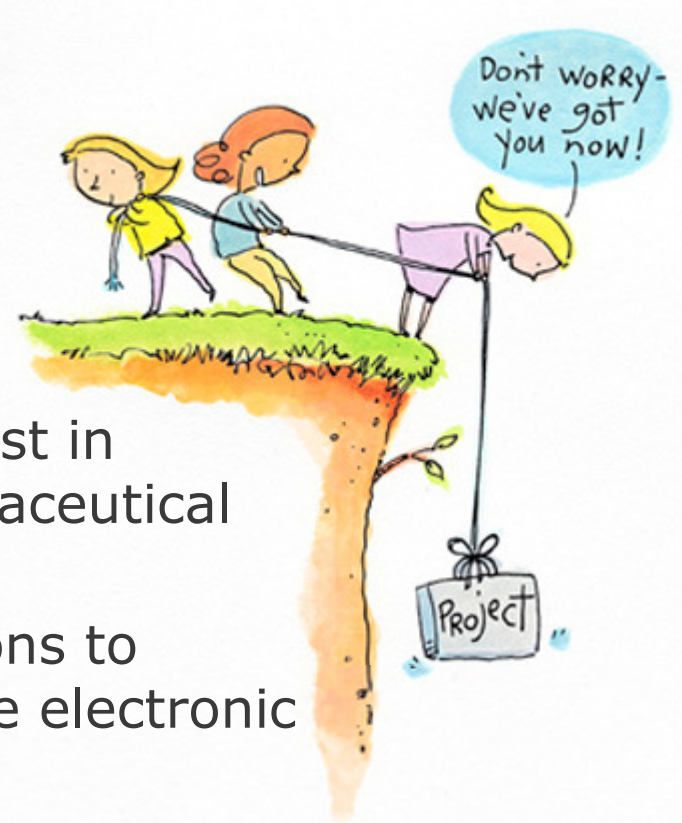
Pre-trial example



Research Goals (challenges, draft!)

- Secured access to medical records for clinical trials, on a Belgian scale, preferably using existing authentication/exchange platforms
- Data mining and statistical modules to support data gathering for clinical trials
- Investigate effectiveness of data anonymising technology for electronic health records, for textual information and in multimedia files (pictures/video)
- Providing a regulatory/legal framework to cover the remaining privacy risks.
- Building a demonstrator
- Investigate possibilities to expand the solution across EU member states

Looking for Partners



- Private/public partners with an interest in conducting clinical trials (e.g., pharmaceutical industry, hospitals, ...)
- Software companies providing solutions to facilitate clinical trials, and to manage electronic health records
- Governmental initiatives and institutions (e.g., eHealth platform)
- EU projects to integrate our results/to build upon
- Infrastructure providers (network)