

# Metadata repository (MDR) for clinical research

Scientific stakeholder meeting of PHIRI

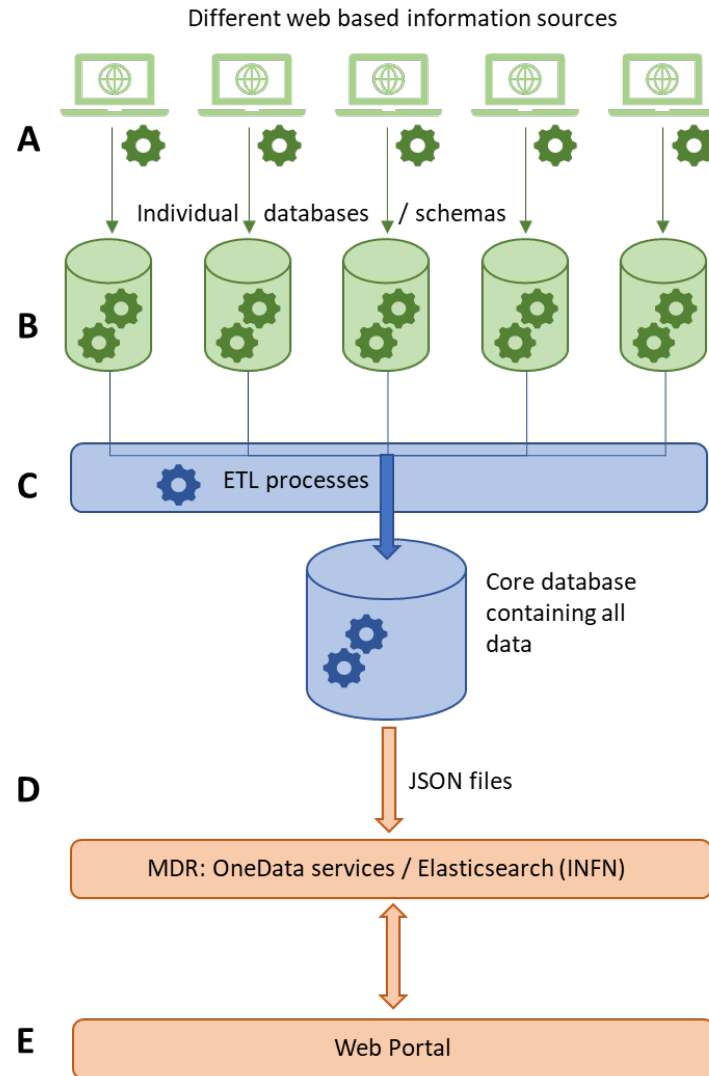
# Metadata Repository in clinical research

## *Status information*

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- Single portal system linking clinical studies with related data objects (e.g., study protocol, datasets, statistical analysis plan, publications)
- Developed within the H2020-funded project XDC in cooperation by ECRIN, OneData and INFN (<http://www.extreme-datacloud.eu/>)
- Based upon the ECRIN metadata schema (version 5) ([https://zenodo.org/record/4133889#.X\\_RoY9hKjcs](https://zenodo.org/record/4133889#.X_RoY9hKjcs))
- Officially launched on 29 April 2020
- Put in production for the ECRIN task force on COVID-19, linked as related resource to the European COVID-19 data portal and referenced in the RDA COVID-19 guidelines and recommendations
- Currently update and extension of the MDR in EOSC-hub (early adapter) and EOSC-Life (WP1 use case) with expansion of data sources

# Metadata Repository in clinical research *Architecture*



# Metadata Repository in clinical research

## User Interface\*

MDR Metadata Repository for clinical trial data objects

version 0.3 beta

Select mode: Study characteristics ▼ Title contains: COVID-19 AND ▼ Topics include: Find ▼ ?

Filter: Studies | Data objects

Type: Select all

- Interventional
- Observational
- Observational Patient Registry
- Expanded access
- Funded programme
- Other

Status: ▼

Gender eligibility: ▼

Interventional studies filters

- Phase: ▼
- Intervention model: ▼
- Allocation type: ^

Select all

Reset study filters

Active filters: Study Type: 1/6 Study Allocation type: 1/4

The latest search resulted in 1228 studies. Only the first 1000 of them were presented. Please refine your search parameters.

Results: 297 (1000 without filtering)

Load... Save... Export to pdf Clear results

« 1 2 3 4 5 »

Items per page: 10 ▼

- Medical Masks vs N95 Respirators for COVID-19 ✕
- Hyperbaric Oxygen Therapy (HBOT) as a Treatment for COVID-19 (COVID-19) Infection ✕
- Hydroxychloroquine for COVID-19 ✕
- Sarilumab COVID-19 ✕
- COVID-19-associated ARDS Treated With Dexamethasone: Alliance Covid-19 Brasil III ✕
- Bone Marrow-Derived Mesenchymal Stem Cell Treatment for Severe Patients With Coronavirus Disease 2019 (... ✕
- Study to Evaluate the Efficacy and Safety of Leronlimab for Patients With Severe or Critical Coronavirus Diseas... ✕

# Metadata Repository in clinical research

## *Data sources included\**

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### ■ Clinical studies

- 18 trial registries, 2 repositories included
- 600.125 studies included

### ■ Data objects related to a study

- 18 registries, 2 repositories, Pubmed included
- 31 data object types (e.g. study protocol, data, publication)
- 913.832 data objects included