

Details

Portal of Medical Data Models (MDM)

The Portal of Medical Data Models (MDM) is a multi-lingual repository of medical data models for the scientific community. It contains data models from medical research (clinical studies) and routine patient care (electronic health records). Currently, most information systems in healthcare apply heterogeneous and proprietary data models. Re-use of existing data models and sharing of best practice can foster data exchange and standardisation of medical data models on a national and international level. The University Library of Münster contributes to this project regarding technical, contents and organisational aspects.

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Host Institution

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Scientific Domain

Primary Subjects:

- Medicine

Secondary Subjects:

- Computer Science, Electrical and System Engineering

Category

Open-Access Repositories

Scientific Services

There are several thousand data models available for download. MeSH terms or free text keywords can be used for searching. The majority of data models contains semantic annotations like UMLS codes. Medical data models can be downloaded in several technical formats, including pdf, CDISC ODM, HL7 CDA, csv and SQL. Data models are manually curated and can be commented by users. Upon request, accounts to upload new models can be provided.

Scientific Equipment

Keywords

- Medical Data Model
- Clinical studies
- Electronic Health Records (EHR)
- CDISC ODM
- HL7 CDA

Networks

University Library of Münster

<http://www.ulb.uni-muenster.de/>

Users per annum

Internal Users: 50

External Users in total: 700

External Users: 300

External Users in the EU: 200

External Users outside of EU: 200