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 Heidelberg contributes to this project regarding technical, contents and organisational aspects.

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To website

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

More than 25.000 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
- FHIR

Networks

University Library of Heidelberg
https://www.ub.uni-heidelberg.de/

Users per annum

Internal Users: 100
External Users in total: 3000
External Users: 1000
External Users in the EU: 1000
External Users outside of EU: 1000