

Structure and Ontology for Health-Related Multi-purpose Federated Data Warehouses

Disclosure PBRC-2017-005

Description:

Structure and Ontology for Health-Related Multi-Purpose Federate Data Warehouses is a data validation scheme for storing health-related data. This informatics method extracts, standardizes and classifies clinical data from electronic health records (EHRs). The method uses a “masking” algorithm to remove patient identifiers, “cleaning” algorithms to eliminate inaccurate data and transform them into a standardized format and “ontology” algorithms to classify clinical data into standard categories to allow data searching for clinical and epidemiological research.

Advantages:

- Independent of EHR data source
- Can be implemented by health systems having multiple EHRs and/or different data management systems

Commercial Uses:

- Research tool
- Used in care optimization and health analytics

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Licensing Opportunities:

**This technology is
available for exclusive
or non-exclusive
licensing**

**Additional
development
opportunities include
funded research or
joint venture**

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