Archetypes Development in Electrophysiology Domain - Electroencephalography as a Personal EHR System Module

The work presents the concept of a new personal electronic health record (EHR) system. The system is based on openEHR standards/framework. A fundamental part of openEHR is domain description by two layer modelling - reference data models and archetypes. Archetypes are building blocks of the EHR system, which provide structure and semantics for stored data. As common ontologies and terminologies, even archetypes are based on reusability. Although the public archetype repositories (clinical knowledge managers, CKM) contain hundreds of archetypes from various domains, the electrophysiology domain is not described yet. The work is focused on the development of the archetypes dealing with the electroencephalography domain.

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