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ONTOLOGIES FOR THE FORMATION OF KNOWLEDGE BASES ABOUT DISEASE TREATMENT IN MEDICAL INTELLIGENT SYSTEMS

Ontology of knowledge about the treatment of diseases is presented. It allows experts to describe various models and schemes of therapy with due consideration of the patient's personal information, the clinical picture of the disease and medicines compatibility. Also, auxiliary ontologies are described: ontology of the pharmacological reference book and ontology of the medical terminology base and observations that are necessary for the formation of modern knowledge about the treatment of diseases, regardless of the medicine clinical section.

Keywords: ontology, treatment, knowledge base, medical intelligent systems, decision support system.

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