

Clinical decision support system for patients with chronic diarrhea.

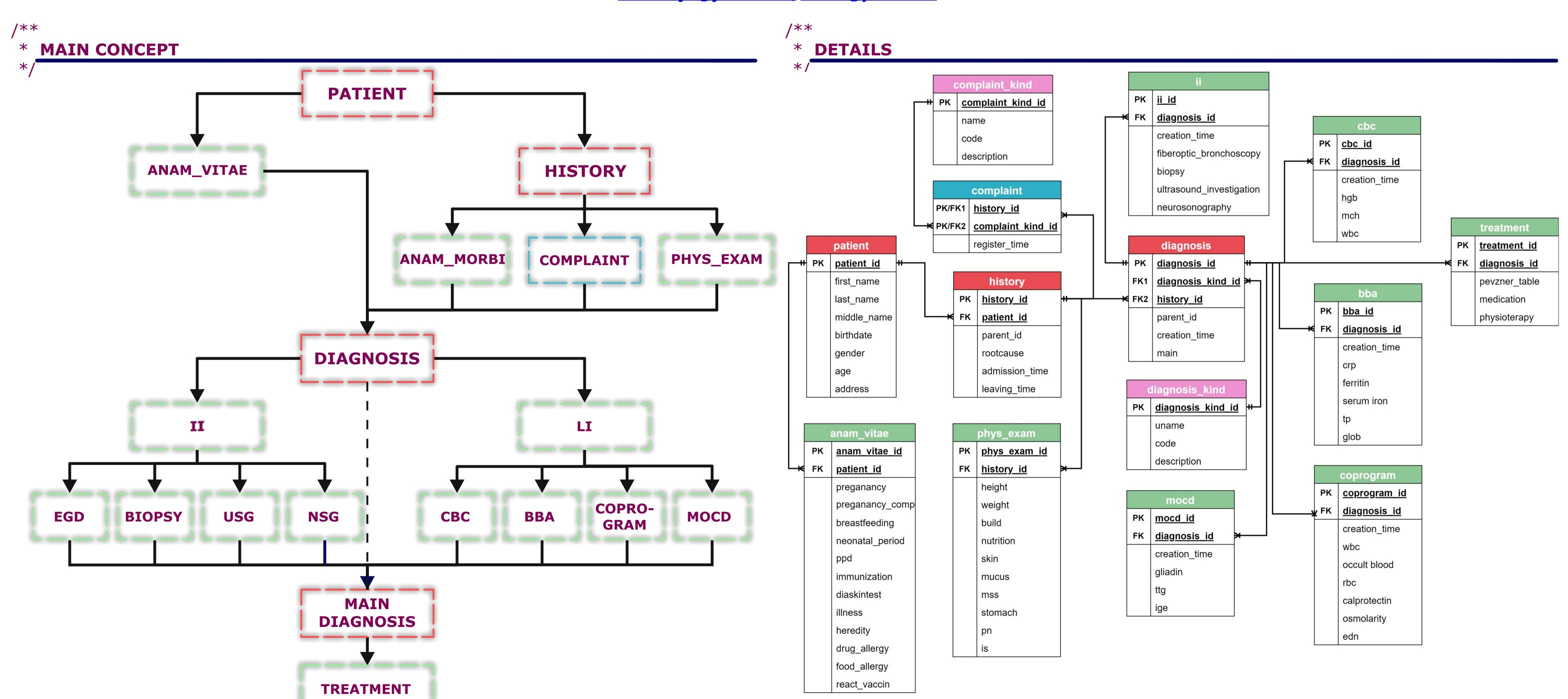
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ER model. A.D. Lee^a, V.V. Lee^b

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This moodel shows a storage system information fragments represented in a tabular form. The pediatrician makes a life history and this The following notions were used in the implementation of the ER-model: about the history of this disease is recorded in the anam_morbi table. When performing a physical examination, the necessary data is entered future design of the storage system. For example, patient, history, diagnosis. the most appropriate for the patient's condition. In accordance with the preliminary diagnosis, the necessary laboratory and instrumental that provide the semantics of representing a particular type of relationship. For example, complaint. the results obtained, the main (clinical) diagnosis will be formed, which will be the starting point for the formation of the list of appointments other entity. For example, anam_vitae, anam_morbi, phys_exam, ii, bba, etc. the basis of newly identified data.

- information is stored in the anam_vitae table. Similarly, the complaints made by the patient are stored in the complaint table. Information 1. The core entity is an atomic, indivisible concept, which is a uniquely identifiable correspondence between a fragment of the subject area and the
- in phys_exam. Based on the results obtained, the CDSS (using AI tools) offers options for a preliminary diagnosis. The pediatrician chooses 2. An associative entity is one that organizes the support of many-to-many relationships between two or more entity instances and has attributes
- studies are offered for its verification. The results obtained are transferred to the corresponding tables: egd, nsg, usg, cbc, bba, etc. Based on 3. Characteristic entity maintaining a one-to-one relationship in most cases to clarify information about some already existing
- (treatment). The diagnosis previously formulated at the early stages of the patient's observation can have a direct impact or be canceled on 4. Denoting entity to represent repeated values and control the lack of redundancy in data associated with it through one-to-one or one-to-many relationships of entities of other classes. For example, diagnosis_kind, complaint_kind.