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Design and implementation of the diagnostic of algorithms complex for clinical and hematological symptoms (Conference Paper)

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Among the diseases of the blood-forming organs, anemia is the most common pathology. Diseases of anemia include various pathological conditions, for which anemia is common. Anemias are heterogeneous for reasons and mechanisms of development, for clinical manifestations, which makes diagnosis difficult. As part of this research, the development of a medical diagnostic system for diagnosing clinical and hematological symptoms, in particular anemia diseases, is underway. The main goal of the research is to Development complex of informational diagnostic algorithms for diagnosis of clinical and hematological symptoms in order to provide effective information support for the diagnosis process, as well as the process of recommendatory medical care. The article presents a functional model for diagnosing clinical and hematological symptoms, describing the exact specification of all operations and actions carried out in the process of diagnosis. © 2019 Association for Computing Machinery