

The introduction of this work explains the importance of acknowledging the process of diagnostics and a treatment of the cases with an anemia during malignant diseases. The predictive factors of the anemia development and the general condition negative effects are presented.

The chapter two brings the definition of an anemia, how to evaluate the blood count and the biochemical examination, tells the compensational mechanisms of the organism and describes the clinical features of the developed anemia.

The chapter three presents the causes of the anemia during malignant diseases and classifies them into separate groups according to the pathophysiological and morphological classification. The prevalence rates of the individual types of the anemia are mentioned as the study ECAS – 04 (European Cancer Anaemia Survey) of the anemia according to the chosen treatment represents.

The chapter four and five describes the various types, etiology, clinical features, diagnostics, treatment and prevention of the various types of the anemia.

The outcome tells the possibilities of prevention and treatment of the anemia during malignant diseases.