

# The most significant reasons for the failure of treatment of patients with newly diagnosed pulmonary tuberculosis and possible solutions

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**ABSTRACT.** The paper summarizes the results of studies regarding the most significant causes of ineffective treatment of patients with newly diagnosed pulmonary tuberculosis. It is proven that the effectiveness of treatment depends from the maximum concentration of antituberculosis drugs in blood serum, tissues and foci of affected lungs, depending on the method of administration of drugs and the presence of concomitant pathology from hepatobiliary and gastrointestinal system tract. Recommendations are given regarding the prevention of ineffective treatment of patients with pulmonary tuberculosis by improving diagnosis and developing new treatment regimens.

**KEY WORDS:** tuberculosis, effectiveness of treatment, concentration of drugs.