

PROTEOLYSIS ACTIVITY OF BLOOD SERUM DURING CHEMOTHERAPY OF RESPIRATORY SYSTEM TUBERCULOSIS IN ADOLESCENTS

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Summary

Proteolysis activity of blood serum was studied during chemotherapy in 75 adolescents with respiratory system tuberculosis. In all patients at admission and discharge from the hospital we determined a level of α -1 antitripsine (α -1-AT). We registered significant variable changes in proteinase-inhibitor system, which depended on extent, activity and phase of tuberculosis process. Measurement of α -1-AT activity during the course of chemotherapy allows not only to give a prognosis for regress of specific process, but also to substantiate an expediency of use of proteinase inhibitors in complex therapy of pulmonary tuberculosis in adolescents.