

THE CHARACTERISTIC OF LIPID PEROXIDATION IN CHILDREN AND ADOLESCENTS WITH AN ACTIVE PULMONARY TUBERCULOSIS

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Summary

As a result of carried out biochemical blood analysis in 44 children and adolescents with an active pulmonary tuberculosis the considerable changes in processes of lipid peroxidation were

detected: authentic decrease of vitamin E content, increase of superoxide dismutase and ceruloplasmin levels in comparison with non-infected subjects. Intensity of lipid peroxidation increased in the patients with pulmonary tuberculosis along with the change of antioxidants protection. This was manifested by growth of concentration of malonic dialdegide and dien conjugate. The most expressed changes of the evaluated biochemical parameters were in children and adolescents with complicated course of tuberculosis.