

# FATTY-ACID SPECTRUM OF SERUM LIPIDS IN PATIENTS, SUFFERING FROM CASEOUS PNEUMONIA

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## *Summary*

The aim of the study was to evaluate a fatty-acid composition of serum lipids in patients, suffering from caseous pneumonia, using a gas-liquid chromatography. Essential changes were revealed in fatty-acid spectrum of serum lipids in caseous pneumonia patients: a significant reduction in saturated fatty acid content on the background of an elevation in total unsaturated and polyunsaturated fatty acids as a result of augmented activation of the lipid peroxidation processes. The amount of arachidonic ( $C_{20:4}$ ) fatty acid increased up to 3,9 times; linoleic ( $C_{18:2}$ ) fatty acid — in 1,5 as compared with the control group.