SERUM LIPID PROFILE IMPAIRMENT UNDER THE INFLUENCE OF CUMULATIVE EFFECT FROM CIGARETTE SMOKING IN HCV SERONEGATIVE ADDICTS

Abstract
Heroin addiction is associated with nicotine addiction, each of them inducing pathophysiological mechanisms resulting in serum lipid disturbances. The aim of the study was to evaluate the cumulative effect of cigarette smoking on serum lipid profile in heroin addicts who were HCV seronegative and had normal BMI.

Material and methods: In this cross – sectional and prospective study, the concentrations of TGL, HDL-C, apoA and apoB were analyzed in 70 heroin addicts, divided in two groups: group 1 with lower cumulative effect of cigarette smoking Brinkman Index (BI) <240 and group 2 with BI > 240, and group 3 which included by healthy controls, non-smokers. The