

STUDY THE EFFECT OF CHICORY LOCAL LEAVES EXTRACT IN THE LEVEL OF THE SUGAR AND LIPIDS PROFILE MICE PLASMA TREATMENT OF CARBON TETRACHLORIDE

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ABSTRACT

The study aimed to determine the impact of chicory wild local leaf extract, on blood sugar, magnesium level and the level of serum lipids of mice, mice infected with hepatitis induced chemically by injecting them with CCl₄ by 1 ml / 1 kg Intra-peritoneal. the use the three concentrations of the plant extract (75, 150, 300 mg / 1 kg) given orally mice for 21 days, mice divided into five groups of seven mice in each group, group I, control uninfected second control infected untreated the third, fourth and fifth groups infected and treatment with concentrations (75, 150, 300 mg / 1 kg), respectively. Better record low level of sugar in the blood serum mice infected with hepatitis chemical group of mice orally by 75 mg / 1 kg of extract of leaves, amounting to 112 mg / 100 ml compared with a control non-infected and infected untreated reaching each 150 146 mg / 100 ml respectively. He did not give any significant difference at the level of magnesium in blood serum. There was a positive effect of the extract on cholesterol levels because of lower concentration compared with a control non-infected and infected untreated values were 171, 163, 90, 92, 122 mg / 100 ml, respectively, to totals for the five mice. As well as the lowest concentration level triglycerides three groups of three treatment 238, 184, 188 mg / 100 ml, respectively, compared with control groups not infected and the infected untreated, each reaching 240, 280 mg / 100 ml, respectively.

Key words:- chicory, diabetes mellitus, Hypercholesterolemia, carbon tetrachloride.