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Histological and Physiological study of the effect of prazosin hydrochloride on liver and kidney of rats (*Rattus norvegicus*)

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Abstract: This study was conducted at the laboratory of department of biology, faculty of science/university of Kufa, 40 male rats that was used. The present study was conducted to investigate the effect of Prazosin hydrochloride on some organs in male rats (*Rattus norvegicus*), after administration of prazosin hydrochloride at three doses (25,50,75) mg/kgb.wt. for eight-weeks, liver and kidney showed severe histopathological changes, at high doses, the results revealed a significant increase in urea levels from (36.391±1.674 to 82.155±1.448), uric acid levels from (4.376±0.138 to 8.1252±0.0928), and creatinine levels from (1.4262±0.1055 to 3.9324±0.0342), at high doses of prazosin when compared with control groups.

Keyword: Hypertension, Prazosin hydrochloride, liver, kidney.

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