
Phthogenesis of gall-bladderstones

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This study aims to detect the role of both endogenous and exogenous corticosteroids released in response to stress on some gastric changes. This study was done on adult male albino rats. The rats were classified into 4 groups: -Group 1 (control group): This group neither received any medications nor exposed to any forms of stress. Group II (stress group): This group was exposed to acute cold stress for 3 hours by putting the rats in a refrigerator at 4 °C. Group III (corticosteroid receptor antagonist): This group was exposed to the same type of stress and given glucocorticoid receptor antagonist. This group was subdivided according to the dose into 3 subgroups. Subgroup III a: this subgroup was given glucocorticoid receptor antagonist in a dose of 5 mg/kg. Subgroup III b: this subgroup was given glucocorticoid receptor antagonist in a dose of 10 mg/kg. Subgroup III c: this subgroup was given glucocorticoid receptor antagonist in a dose of 20 mg/kg.