

عنوان مقاله:

Evaluation of Histopathological Changes of Osteoarthritis on the Cardiovascular System by Gavage of Hydro Alcoholic Extract of Wild Anemone (Papaver Rhoeas L.) in Male Rats

محل انتشار:

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خلاصه مقاله:

Since synovial inflammation is involved in the early stages of OA, one of the most appropriate methods for osteoarthritis is the development of CVD. The treatment of this disease is the use of medicinal plants. Among these plants is wild anemone with the scientific name (Papaver rhoeas L.). The aim of this study was to investigate the effect of wild anemone extract on the cardiovascular system of rats with osteoarthritis. 35. Immature male rats were instilled by injection of monosodium iodostat into the right knee joint of the osteoarthritis model. After one week, wild anemone was gavaged for 14 days with alcoholic aqueous extract and on day 30 after recording blood pressure parameters (systolic pressure, diastolic pressure). Histopathological examination was performed on rat heart and knee. The results were analyzed using SPSS software. In the study of histopathological changes, indicators Joint membrane by gavage of wild anemone extract in ras with osteoarthritis mesh Healthy control group was reported and chronic inflammation and congestion and perivascular changes of the heart were higher in rats with arthritis ($P < 0.05$). Based on the results, it can be said that in rats receiving doses Effective wild anemone extract has been observed to .have the least joint damage and the best physiological function of the heart

کلمات کلیدی:

histopathology, blood pressure, osteoarthritis, Wild anemone, Rat

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