Studying Antialgesic Effect of Chamomile, Fennel and Saffron, Herbal Compound in Male Rats

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Abstract

Some plants have beneficial effects on diseases. In ancient times they were used as a drug. According to our herbal medicine history we combined chamomile which decreases pain and healing scarring, with fennel, a plant as an anti-inflammatory and saffron, a plant used for treating insomnia and as an antidepressant. First we chose 15 mature, healthy, and male rats that weighed approximately 200 grams. Then we divided them into three groups. The control group did not receive any injection, the control positive group which we injected them as regularly as the experiment group but its content was just water and the experiment group that were injected regularly and with a specific dose. We continued these injections for one week. After one week we tested their rate of anxiety by elevated plus maze (EPM). After that we processed our data by SPSS software. After comparing the data with each other, we observed that there was a significant reduction in the anxiety of the experiment group. It seems that these reductions are because of regular injecting and specific dose in each time.

Keywords: Anxiety, Fennel, Chamomile, Saffron

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