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Poster Presentation

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

Nikoo Saeedi^{1*}, Hassan Abbasian²

¹Medical School, Islamic Azad University of Mashhad, Mashhad, Iran

²Department of Neuroscience, Medical Faculty, Mashhad University of Medical Science, Mashhad, Iran

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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 decrease the pain and healing scares, with fennel, a plant as an antiinflammator and saffron, a plant which is used for treating insomnia and as an antidepressor. First we chose 15 matured, healthy and male rats that weigh 200 grams approximately. Then we divided them into three groups. The control group which didn't get any injection, the control positive group which we injected them as regular as the experiment group but its content was just water and the experiment group that were injected regularly and with 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 significant reduction in the anxiety of our experiment group. It seems that this reduction is because of regular injecting and specific dose in each time.

Keywords: Anxiety, Fennel, Chamomile, Saffron

***Corresponding Author:** Nikoo Saeedi

E-mail: nikoosaeedi@gmail.com