

عنوان مقاله:

Effect of Fenugreek (Trigonella Foenum- Graecium) Seed Hydroalcoholic Extract on Sperm Count

محل انتشار:

چهارمین کنگره بین المللی تولیدمثل (سال: 1397)

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خلاصه مقاله:

Backgournd: fenugreek has been recognized as one of the most important medicinal plants, because it has the effective biochemical active ingredients in human health. fenugreek has potential therapeutic effects on the treatment of diabetes, baldness, digestive diseases, and so on. Background and purpose: The aim of this study was to assess the effectiveness of fenugreek hydroalcoholic extract on number of sperm. Materials and Methods: In this study, 10 mice (30gr) were divided into two groups (5 mice in each). The first group received hydroalcoholic extract of fenugreek seed at dose of 0.25 g/kg of body weight (treated) and the second group (control) received distilled water (solvent) by oral gavage every other day for 10 days. Then, the tails of epididymis were removed and the sperms were collected and counted. Findings: The results showed that the number of the sperms in the treated group increased significantly compared to the control group ($P < 0.05$). Conclusion: In general, the results of this study showed that the hydroalcoholic extract of fenugreek seeds in dose of 0.25 g/kg of body weight could increase the number of sperms in mice. Therefore, it is recommended that these extracts be proposed as an effective factor in male fertility

کلمات کلیدی:

Fenugreek Seed, Mice, Sperm Count, Hydroalcoholic Extract, Epididymis

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