

عنوان مقاله:

The Effect Of Varicocele on Sex Hormones Levels and Semen Parameters

محل انتشار:

بیستمین کنگره بین المللی بیولوژی تولید مثل و پانزدهمین کنگره بین المللی سلول های بنیادی (سال: 1398)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Background: Varicocele is a type of surgery for varicocele treatment. This may recover fertility properties in males through improvement in semen parameters as well as sexual hormones. In this study, the role of varicocele with focus on semen properties and sexual hormones have been assessed. Materials and Methods: In this cross-sectional study, before-after data from fifteen patients with different varicocele grade, regarding to varicocele have been compared. Results: After varicocele, a significant improvement in some semen parameters such as motility and concentration has been showed. However, among sexual hormones, only testosterone has been increased after surgical intervention ($P=0.007$). Conclusion: Based on our knowledge, varicocele treatment may almost improve fertility potential in males significantly. Accordingly, it seems that varicocele has positive effect on parameters such as testosterone and serum FSH levels as well as sperm count and motility. Therefore, it could be concluded that varicocele is an effective approach to improve male fertility and sexual disorders.

کلمات کلیدی:

Varicocele, Varicocele, Hormones, Infertility, Semen

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