

عنوان مقاله:

Evaluation of Medical and Traditional Treatments on The Fertility of Women With Polycystic Ovary Syndrome

محل انتشار:

چهارمین کنگره بین‌المللی تولیدمثل (سال: 1397)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Background: Polycystic ovarian syndrome (PCOs) is the most common cause of infertility and the most important reason of anovulation in women of reproductive ages which affects about 5-10% of the population of women. The lack of ovulation causes about 40% of women s infertility. Drugs and Assisted reproductive techniques are used to stimulate ovulation in people with PCOs. Methods: This article is a review article with search on sites such as PubMed, SID, EMBASE, Scopus, Google scholar and Magiran. Articles coordinated with the specified criteria collected from 2013 to 2017 and reported in a paper. Results: Studies show that the Shilunum (jube)plant reduces the level of androgen in the PCOs and eliminates ovarian cysts. The use of letrozole to induce PCOs causes large changes in gonadotropins, estrogen and progesterone. The five-finger plant (Vitex Agnus Castus) reduces testosterone secretion and ovarian weight and inhibits the release of LH and improves pregnancy rates. Concomitant use of both metformin and calcium-vitamin D can increase follicle growth and development. Licorice extract decreases testosterone levels and releases radicals and induces ovulation regulation. Heracleum persicum (Golpar) extract reduces estradiol, testosterone and LH, and increases FSH. Hydroalcoholic extract of Grape seed with aromatase inhibitory effect stimulates ovulation and increases the number of different follicular groups. Nacetylcysteine (NAC) has a positive effect on induction of ovulation and pregnancy. Conclusion: The use of medicinal herbs can be effective as an alternative to or simultaneously with the use of chemical drugs to increase the fertility rate in patients with .PCOs

کلمات کلیدی:

Polycystic Ovary Syndrome, Pcos, Fertility, Medicinal Herbs

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