

[Effects of combined therapy of salpingostomy and Bushen Huoxue drugs on fallopian tube obstructive infertility].

[Article in Chinese]

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Abstract

OBJECTIVE:

To compare the effect of treatment of fallopian tube obstructive infertility by salpingostomy alone and in combination with TCM drugs for Bushen Huoxue (invigorating Shen and promoting blood circulation).

METHODS:

To all the patients, salpingostomy was performed 3 to 7 days after menstruation and hydrotubation with Xiangdan Injection (XI) was applied once in the next menstrual cycle. Bushen Huoxue Decoction (BHD) was administrated additionally to patients in the treated group, 1 dose every day starting from the 5th day of menstrual cycle for 14 days. Three months' treatment was taken as one therapeutic course and the observation lasted for 4 courses.

RESULTS:

The condition of follicular development, thickness of endometrium and level of serum estradiol in the preovulatory phase after treatment were all significantly increased in the two groups ($P < 0.05$ and $P < 0.01$); but the improvement in the treated group was significantly superior to that in the control group, showing significant difference. Moreover, the pregnancy rate was also higher in the former than in the latter ($P < 0.05$).

CONCLUSION:

The combined therapy of salpingostomy and TCM drugs for invigorating Shen and promoting blood circulation is an effective therapy for fallopian tube obstructive infertility, it has the effect of enhancing follicular development and increasing thickness of endometrium, and could elevate the pregnancy rate in patients.

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