

Buserelin treatment of endometriosis in Chinese women

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摘要

Abstract

Twenty five patients with endometriosis of varying degree had been treated with Buserelin (GnRH analogue) for 6 months. Among them, 83.4% reached castrated level by measuring the serum estradiol (E2) 2 months after therapy. Dysmenorrhea was alleviated or completely disappeared during therapy. Hot flush was the one mostly complained. Vaginal dryness was the second and decreased libido the third. Persisted periodic bleeding was noted in 3 patients. Ovulation was suppressed as evidenced by low serum progesterone throughout the whole course of treatment. Second-look laparoscopy was done at the end of 6-month therapy. Scoring assigned by the American Fertility Society (AFS) was reduced by 27.5%. The adrenal gland, liver and renal functions as well serum calcium and phosphate were retained at the end of treatment. Ovulation and menstruation also returned to normal within 2 months after cessation of therapy. There were 4 pregnancies during the 6-month follow period (4/15 = 26.6% pregnancy rate). 7 patients had improved symptoms whereas 7 patients sustained recurrent dysmenorrhea. The hormonal profile showed that dysmenorrhea improved group had better ovarian suppression than the dysmenorrhea recurrent group.