

## **Differential approach in treatment of patients with hyperandrogenia**

N.M. Pasma, T.V. Botkina, M.P. Dobrova, A.V. Dudareva

Government University, Novosibirsk, Russia

**Objective:** To develop differential approach in treatment of patients with different form of hyperandrogenia.

**Design& Methods:** 109 patients of reproductive age (18-36) suffering of different form of hyperandrogenia were examined and it was established four groups: 1- patients with post pubertal form of adrenogenital syndrome (n=37); 2-- hypothalamic syndrome (n=28); 3 group -32 women with polycystic ovary syndrome (PCOS); 4- 12 patients with idiopathic form of hirsutism patients(IH). In control group were included 26 health women. In all patients ultrasonography, hormone levels (FSH, LH, prolactin, estradiol, progesterone, testosterone, cortisol, DHEA, ACTH) investigations, neurophysiologic researches were provided. In patients treatment of the 1-th group glucocorticides were used; patients with PCOS and patients with idiopathic form of hirsutism were treated with OC containing 2 mg of antiandrogene ciproterona acetatis and 0,035 mg ethinilestradioli (Diane-35). Patients with hypothalamic syndrome were treated by preparates, normalizing brain blood circulation (nootropil, cavinton) and neuromediatory metabolism. All patients received of nestsroid antiandrogene (verospirone).

**Results:** During the course of treatment hirsutism progression don't examined. Decreased level of androgens, and hirsutism, normalization of menstrual cycle were obtained in all patients during 6 months of treatment.

**Conclusion:** Combined OC containing antiandrogene ciproterona acetatis is effective in treatment of patients with PCOS and IH. Hyperandrogenia connecting with hypothalamic syndrome is treating with necessary using of nootropes.