

## **Estimation of efficiency of using combined oral contraceptive in girls.**

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**Objective:** To study clinical efficiency and tolerance of combined oral contraceptive Novynette (Gedeon Richter, Hungary) in girls and expedience of its appointment in girls with the syndrome of algodysmenorrhea.

**Design and Methods:** The study subjects were 34 girls (I group) aged 15 to 24 with sexual relations and using Novynette with the contraceptive purpose, 20 girls (II group) suffering from the syndrome of algomenorrhea and 30 girls (III group) with follicular cysts. Complex of general clinical, functional, immunoenzyme methods of inspection, the evaluation of algomenorrhea on scale of E. Deligeoglou, G. Creatsas (1996), questionnaire on C. Spilberg-J. A. Hanin's scale are carried out.

**Results.** Side-effects during the treatment were observed in 3,57% of cases and showed as nausea, breast tenderness, breakthrough spotting. All of the side-effects were expressed a little bit and did not demand in correction. Novynette offer good cycle control. In group with algomenorrhea a painless menses were observed in first month in 45% of cases and in others girls the intensity of a pain has decreased. By the end of the receiving pills menses proceeded painlessly in 85% of cases, there was a retrogress of all concomitant signs. After operative treatment in 30 girls from the third group concerning follicular cysts regeneration of reproductive system took place in 45,9% of cases in 1-4 months after cancellation of pills.

**Conclusions:** The combined oral contraceptive Novynette is a pill of the first choice for girls in view of its high contraceptive efficiency, tolerance and medical action at algomenorrhea and follicular cysts.