

MARKETING RESEARCHES OF DRUGS BASED ON A FLUCONAZOLE FOR A TREATMENT OF VAGINAL CANDIDOSIS

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The frequency of vaginal candidosis for the last 10 years has doubled and is 30-45% in the structure of women`s infectious defeats of the vulva and vagina.

Vaginal candidosis is an inflammation of the vaginal mucosa and is caused by microscopic yeast fungi genus *Candida*.

The purpose of this study was making the analyses of the drugs` range based on fluconazole for the treatment of this disease.

According to the summary data the most effective in therapy of vaginal candidosis is fluconazole - 93.3%.

According to the ATC classification the following subgroup of medicines containing fluconazole are distinguished:

- D01A C - Antifungals for topical use, imidazole and triazole derivatives;
- G01A - Antiinfectives and antiseptics, excluding combinations with corticosteroids;
- J02A – Antimycotics for systemic use.

Pharmacotherapy of vaginal candidosis is divided into systematic and local treatment. According to the State register of medicines in Ukraine 108 drugs containing fluconazole are registered. Depending on a medical form they are subdivided as follows: 26 % of tablets, 57 % capsules, 11 % solutions for infusion, 5 % powders and 1 % gels. Only 2 vaginal medications (1.85%) are available for the local treatment. There are tablets «Venro kit» (made in India, Syncom formulation limited) and «Ginekit» (made in India, Synmedic).

Most of medicines are provided by foreign manufacturers – 72 % (India, Canada, Slovenia, Cyprus, France, Hungary, Turkey, Czech Republic) and only 28 % - by native.

As there is a sharp deficit of vaginal medicines based on fluconazole, it would be promising to create combined remedies that have a wide range of pharmacological action and minimal side effects. To maintain the health of patients it is advisable to use the antifungal agents based on the biologically active substances of plant origin, which do not show a sensitizing action, characterized by a wide spectrum of antimicrobial and antifungal activity, weak resistance towards these pathogens.