

STUDY THE ASSORTMENT OF PREPARATIONS TO ANTIFUNGAL AND ANTIMICROBIAL ACTION

Kurtiy A.S., Chushenko V.M.

The National University of Pharmacy, Kharkiv, Ukraine

chushenkov@rambler.ru

Today the vital problem of midwifery, gynecology, venereology and urology are urogenital fungus and bacterial infections. This is connected with the wide acceptance of these illnesses, the frequent complications and the relapses.

The preparations for the local application appoint for treating the infectious diseases in midwifery and gynecology together with the preparations of system action. Local treatment is more effective, and the development of side effects considerably decreases.

We carried out the study of the assortment of the preparations of antifungal and antimicrobial action in the drugstores g. Kharkov. For treating the pathologies pointed out above use various forms: tablet (18,7%), capsule (16,4%), pessaries (17,2%), creams (14,2%), solutions for infusions (6,7%), ointment (5,2%). Preparations of domestic manufacture on the market g. Kharkov they comprise 31,3%, foreign production - 68,7%. Among the foreign firms the firms of India (26,9%), Germany (6,7%), Russia prevail (5,2%).

The assortment of the domestic preparations in the form of vaginal suppositories represented it is not very wide, but foreign preparations little are accessible through the high cost.

The preparations of the group of the azoles are the most effective antifungal preparations for the local application: bifonazol, klotrimazol, ekonazol, ketoconazole, the group of allylamines: naftifine, terbinafine and other.

Are most widely represented the preparations, into composition of which as the acting substances enter flukonazol (21,6%), klotrimazol (14,2%), terbinafin (12,7%). The preparations, into composition of which enter the substances of ketoconazole, nystatin, itraconazole, ornidazole occupy from 5 to 10%. The preparations, into composition of which enter the substances of sertaconazole chlorhexidine and bifonazol occupy of about 2,2%. The preparations, into composition of which enter substances of naftin, nitrofungin, synthomycin, isoconazol occupy near 1,5%.

Taking into account the variety of microflora (mikst- infection), their resistance to the traditional chemotherapeutic medicines, rational appears the creation of preparations with the active pharmaceutical substances, which have the wide spectrum of antimicrobial action, which will seize both the fungi and bacteria.