Molchanova O.V.,

Department of obstetrics and gynecology, Lviv National Medical University named Danylo Halytskyi

DIAGNOSTIC VALUE OF THE ESTIMATION DISORDERS OF CONDITIONALLY PATHOGENIC MICROFLORA FOR WOMEN WITH GENITAL ENDOMETRIOSIS

Today endometriosis goes to one of the first places in the structure of gynecological diseases for women of reproductive age. The pathology has rather complicated and not fully understood pathogenesis. Moreover, today there is a tendency to increase the frequency of endometriosis -1996 to 2010 - 1,5 times (and varies from 7 to 59%). The least studied questions deal with etiology and pathogenesis of endometriosis. Today in the study of endometriosis gram-negative microorganisms plays not the last role. Enterococcus, Escherichia coli, Klebsiella, asporogenous anaerobes (Bacteroides, Peptostreptococcus, Fusobacterium spp.), which in symbiosis with aerobes form polymicrobial associations highly resistant to most antibiotics, which are often prescribed as a result of imperfect diagnosis of endometriosis on early stages is widespread problem. This leads to overproduction of endotoxin (lipopolysaccharide) due not only to increased degradation of the main microorganisms - Escherichia coli, but also the activation of growth and decay of gram-negative microflora of the vagina (also capable to produce endotoxin). If in recent years aspects of the study of inflammatory processes combined with genital endometriosis increasingly highlighted in the literature, the assessment of the state of the vaginal microbiota, the role of disorder of conditionally pathogenic microflora for patients with genital endometriosis and how to diagnose the problem is still not enough described. With the increasing role of conditionally pathogenic microflora in the study of endometriosis, an important step is the detection of such microorganisms and the substances they produce - endotoxin. Compound LPS has narrow limits of detection methods. but identification and determination of the type of microorganisms that produce it in recent years has gained a new significance.