

LBC TEST - LIQUID BASED CYTOLOGY

EFFECTIVE PREVENTION OF CERVICAL CANCER

LBC is a method and also a cytology test aimed at screening pre-cancerous cervical lesions, which all sexually active women should undergo - including those with no signs of the disease. Cancer cells can appear at any time throughout a lifetime - even without any manifestations of pain, bleeding or other signs.

CERVICAL CANCER

- Second most common cancer in women below 45 years of age
- 600 women are annually diagnosed with cervical cancer in Slovakia
- 200 women annually die of the disease in Slovakia

The LBC test is an alternative type of cytology test, which when recommended by a doctor can be

supplemented with a HPV infection test from the same smear (the human papillomavirus that can cause cervical cancer).

WHEN IS THE LBC TEST RECOMMENDED?

The test is aimed at every woman who wants to maximally increase the chance of detecting a pre-cancerous condition. With this methodology, the sample is processed in a specific fluid in a sampling vial using a specific technological procedure and an automated process. That results in a clearer smear that facilitates testing the sample (without mucus or other cells that may hinder assessing the specimen). This process reduces the number of so-called falsely negative results when a patient has cancer yet the test is negative.

WHAT DOES A COMPLETE LBC TEST OFFER?

This methodology, unlike conventional

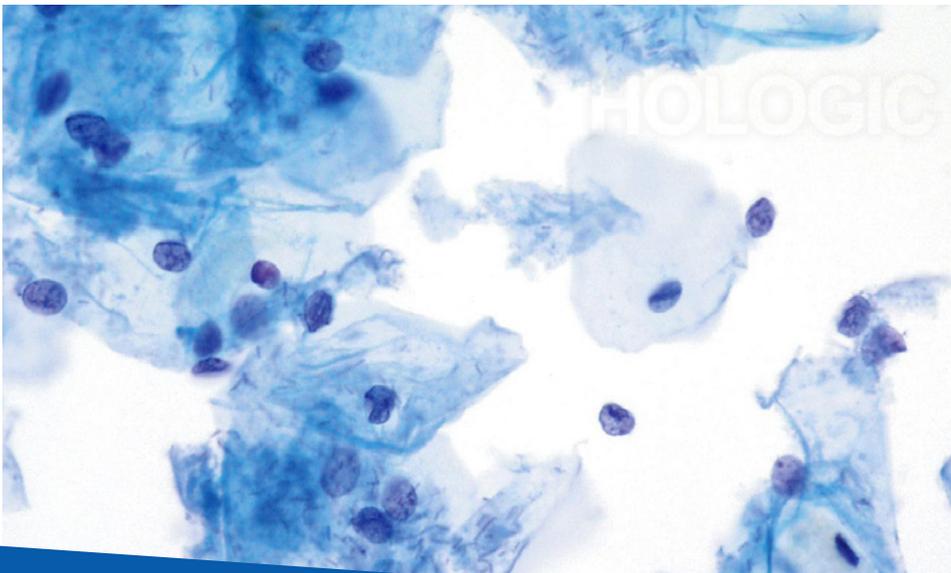
cytology, also includes additional examinations, such as determining the presence of high-risk types of HPV and proliferative cell activity, i.e. whether a cell has cancer cell growth potential or not.

HOW IS SAMPLING AT THE MEDICONET GYNAECOLOGIST OFFICE PERFORMED?

The method is the same as for conventional cytology, i.e. the sample is taken using a special brush. However, the sample is not spread on a microscopic slide, but inserted into a special vial filled with solution. The solution's composition allows the sample to be kept for potential additional or repeated processing. The sample is then transferred to a cytology lab, where a final product in the form of a perfect cytology specimen - which is suitable for comprehensive expert evaluation - is prepared using a special device. Based on the prepared cytology specimen, a pathologist will determine the diagnosis. Results of the test are then recorded and sent to the attending physician/gynaecologist, who will inform the patient of the results and potential treatment options. Samples and results are archived, which allows the progress of the patient's health status to be monitored.

For payment terms and other details regarding the test, contact our gynaecologist or arrange a consultation at

+421/2/32 17 12 11 or email info@mediconet.sk.



- The LBC test is non-invasive and places little burden on a woman. It is neither painless nor time-consuming, and is suitable for women of any age.
- While the test is reimbursed by the health insurance company, the use of special sampling material, sampling vial, and automatic processing of the sample in the case of LBC is not.