

Information about the Bacteriological Laboratory in Lviv at the Children's Medical Center

The bacteriological laboratory will operate in Lviv on the basis of two hospitals specializing in the treatment of children: The Western Ukrainian Specialized Children's Medical Center and OHMATDYT Hospital.

In particular, the Center specializes in the treatment of seriously ill children with oncological and hematological diseases, immunodeficiencies, endocrine diseases, etc.

18 thousand children – will be able to get tests in this laboratory every year. That's the number of children who receive treatment at the two hospitals that host the laboratory. These 18 thousand children will be able to undergo diagnostics and analysis in the laboratory. Among the children, there are about **3000 seriously ill children**.

Especially for seriously ill children, effective diagnostics is crucial. It allows us to respond in time to infectious complications and save the child. That is why there is an urgent need to modernize the bacteriology laboratory at the Children's Medicine Center.

To fulfill this goal, the Foundation needs to raise about **\$250 thousand**. The funds will be spent on medical equipment, repair materials, furniture, etc.

What medical equipment is necessary for a bacteriological laboratory?

- Microscope stand Axioscope 5, TL, 6x H coded, LE 100 (cost approximately up to 20 thousand USD)
- Bio II Advance PLUS 4 vertical flow laminar flow box (cost approximately up to 17-20 thousand USD)
- Ultra-low-temperature freezer (cost approximately up to 7-8 thousand USD))
- Distiller LAUDA Puridest PD 12 R automatic (cost approximately up to 7-8 thousand USD)
- Pharmaceutical refrigerator (cost approximately up to 5-6 thousand US dollars)
- Dry-air thermostat TC-320 (cost approximately up to 5-6 thousand US dollars)