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Modern infection diagnostics for improved treatment

GERMAN GOVERNMENT AND FEDERAL STATES PROGRAMME
BUND-LÄNDER-PROGRAMM (BLP)

Federal state - partner country
North Rhine-Westphalia - Ukraine

Title
Support and improvement of infection diagnostics and control at the Mechnikov Hospital in Dnipro

In cooperation with the GIZ programme
EU 4 Resilient Regions (PN: 18.2198.2)

Financing arrangements

BMZ contribution	314,035 EUR
North Rhine-Westphalia contribution	380,000 EUR

Duration
01.10.2025 - 31.12.2026

Responsible ministry
State Chancellery of North Rhine-Westphalia

This project helps to achieve the following Sustainable Development Goals (SDGs):



Rebuilding the health system: diagnosing and controlling infections more effectively

Local situation

Ukraine is facing significant challenges due to severe damage to its civil infrastructure. Schools, universities, energy supply facilities and primarily hospitals are particularly hard hit. The population is suffering from injuries, trauma and the impact of a destroyed infrastructure. This underlines the urgent need for support in rebuilding the healthcare, welfare and education systems.

To strengthen healthcare cooperation between Ukraine and Germany, the focus is on exchanging knowledge on organisational structures and reforms in the health sector and on developing contacts between national healthcare authorities, foundations and healthcare facilities. Expert dialogue within the scope of training programmes is important here.

The need to improve first aid and emergency medical care for injured soldiers and veterans, as well as for civilians, is particularly urgent. Infection control and prevention and the proper use of antiinfectives, especially when dealing with resilient germs, play a key role.

Cooperation arrangements

The political partners are the State Chancellery of North Rhine-Westphalia and the administration of the Dnipropetrovsk Oblast. The implementing partner is

"The GIZ project partnership combines efforts to strengthen infection prevention and control with the acceleration of antimicrobial resistance diagnostics as a strategic investment in saving lives now, controlling the spread of resistant pathogens over time, and preserving antimicrobial effectiveness for the future."

Prof. Dr. Alexander Mellmann, PD Dr. Dr. Vera Schwierzeck
University Hospital Münster (UKM)



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Faster treatment of patients is a project obejctive

the University Hospital Münster (UKM), in particular the team of the Antibiotic Stewardship Programme (ABS) at the UKM's Institute of Hygiene. This team possesses specialist expertise in the fields of anti-infectives, strategy and therapy, as well as infection management. The implementation partner on the Ukrainian side is the Mechnikov Hospital in the city of Dnipro.

What we are doing - and how

The project aims to strengthen the infection diagnostics and control capacities of Mechnikov Hospital in Dnipro.

The Regional Hospital, one of the largest and oldest medical facilities in Ukraine providing tertiary care and trauma treatment, treats over 40,000 in-patient cases annually, performs more than 17,000 surgical procedures and records over 300,000 out-patient visits.

The hospital serves as a hub for the treatment of wounded civilians and soldiers. Due to the current hostilities, the length of stay for individual wounded persons in the war zone is often only between 24 and 48 hours. Faster diagnostics are necessary to promptly initiate targeted treatment of infections.

With three modules, the project contributes to improving patients' chances of recovery. Through the procurement of equipment, access to functional and rapid methods for identifying bacteria is increased. Through work shadowing and knowledge exchange, diagnostic expertise is enhanced. Furthermore, the hospital is supported in targeted infection control. infection control.

Useful links

- Further information on the BLP:
  https://www.giz.de/en/projects/german-government-and-federal-states-programme-iii
  https://bund-laender-programm.de/en
- GIZ Programme EU4ResilientRegions:
  https://www.giz.de/en/projekte/sonderhilfsprogramm-ukraine

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