

Implementing a workflow to improve infectious disease prevention and control in the EU

THE INFECTION PREVENTION AND CONTROL CHALLENGE

The COVID-19 pandemic demonstrated that a purely biomedical model of disease prevention is insufficient to control the spread of pathogens. Despite accurate and fast testing, infection prevention and control (IPC) requires optimised sharing of bioanalytical data, monitoring of novel variants, public communication as well as capacity building.

In May 2024, ECDC reinforced a framework for prevention of communicable diseases in Europe, highlighting the importance of strengthening the traditional approach to IPC measures.

„Strengthening the prevention of infectious diseases, especially after the COVID-19 emergency, requires a paradigm shift and enhancement of previous strategies“

ECDC, 2024

HERA-2-LITHUANIA PROJECT

HERA-2-Lithuania aims to create an effective process workflow to improve infectious disease prevention and control in the EU. This project allows to implement previously developed WGS technologies to respond not only to new emerging SARS-CoV-2 variants, but also to other pathogens of concern.

Our vision is to enable reliable infectious outbreak investigation, identification of pathogens carrying genetic mutations and real-time monitoring of epidemiological situation at the local, national and international level.

