



Supporting Additional Epidemiological and Serological Studies on COVID-19 in Partner Countries Subproject A and C

SESS-A+C

Health Care Worker and Infection Control Investigations in Burkina Faso and Uzbekistan

Duration

2021–2023

Budget

approx. 200,000 EUR

Partner countries

Burkina Faso
Uzbekistan

Challenges addressed by the project

The coronavirus disease 2019 (COVID-19) pandemic has placed a large burden on hospitals and healthcare providers worldwide. Ongoing community and nosocomial transmission of COVID-19 contribute to this burden although evidence on transmission pathways in low resource settings remains more limited. This project will aim to assess these pathways leading to the ongoing burden of SARS-CoV-2 infection in Uzbekistan and Burkina Faso. It will seek to use these findings to improve local related infection prevention and control (IPC) recommendations.

Objectives

- » To determine the burden of SARS-CoV-2 infection among selected health care facility and community settings in partner countries
- » To determine risk factors associated with SARS-CoV-2 infection
- » To assess infection prevention and control (IPC) practices including strengths and areas for improvement

Overview of activities

The study will assess SARS-CoV-2 community and nosocomial transmission pathways in Uzbekistan and Burkina Faso. Sero-epidemiological surveys will be conducted to determine the burden of infection and associated factors. Infection control risk assessments will also be conducted at the respective sites to review the IPC recommendations in-place and identify strengths as well as areas for improvements that could be made. These results will inform local policies and interventions for subsequent outbreaks.



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Blood samples (Photo ©littlebell/stock.adobe.com)

Partner institutions

- » Centre-Muraz, Burkina Faso
- » Ministry of Health, Uzbekistan

Supporting institution in Germany/Contact

Robert Koch Institute

Healthcare-associated Infections, Surveillance of Antibiotic Resistance and Consumption (Unit 37)

Information Centre for International Health Protection (ZIG1)

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