



### Rapid diagnostics for tuberculosis detection

#### NCD Digital Health and Capacity Building

□□	:	Course
□□	:	Web-based
□□	:	5 Hours
□□□□	:	Other
□□	:	<a href="https://whoacademy.org/coursewares/course-v1:WHOAcademy-Hosted+H0009EN+H0009EN...">https://whoacademy.org/coursewares/course-v1:WHOAcademy-Hosted+H0009EN+H0009EN ...</a>
□□	:	US\$0.00
□□□□	email:	globalhealth@unitar.org



This course will provide you with the knowledge and skills needed to implement WHO-recommended TB tests and algorithms. It includes the latest recommendations for novel tests for TB diagnosis and detection of drug resistance, as well as the most recent WHO policy guidance for the use of those tests. The course also describes the processes and steps for implementing a new diagnostic test for routine use within the TB diagnostic network.

This e-learning course has been developed by WHO. It is a comprehensive, self-paced, online course that follows the content of the WHO operational handbook on tuberculosis: Module 3: Diagnosis – rapid diagnostics for tuberculosis detection

- 2021 update.



Ensuring universal access to TB care depends on rapid diagnosis of TB and drug resistance and the timely initiation of an effective treatment regimen. These criteria require rapid and accurate testing, including drug susceptibility testing, for all TB patients.



- Explain the rationale for delivering diagnostic services and illustrate the key components and organization of a TB diagnostic network in different settings;
- Describe the steps to be implemented when introducing a new diagnostic tool into an existing laboratory network;
- Describe the TB diagnostic algorithms that incorporate the most recent WHO recommendations for detecting TB and DR-TB and outline considerations needed to be made for the implementation these new algorithms;
- Explain indicators and targets and interpret results for performance monitoring of the laboratory network.



The content of this course has been validated, verified, and is owned by the WHO Global Tuberculosis Programme unit. This course is not a WHO Academy co-produced course. In case of any concerns or feedback on the course content, please share your feedback in the survey form at the end of this course.



This e-learning course is intended for people who provide guidance to countries on implementing WHO recommendations on TB; for example, national programme managers, managers of laboratory services, technical staff at

ministries of health, WHO staff, staff of technical agencies, consultants and anyone else serving a similar role in countries and major subnational units. It is assumed that you have experience in working on TB and are familiar with WHO TB guidelines.