

## Welcome

**Thank you for taking this voluntary survey to help us understand how well the *Mycobacterium tuberculosis Diagnostic Principles and Procedures* course held March 19-22, 2019 at the Centers for Disease Control and Prevention's training laboratory has been serving the needs of our learners. The feedback you provide will also inform updates to this course and future course development.**

**The survey questions will take approximately 5 minutes to complete. Your responses will be anonymous and no unique identifying information will be sought or kept. The feedback we receive will be used by our programs in aggregate only.**

### INSTRUCTIONS

**Please respond to each question by clicking on the button beside the option(s) that best reflect(s) your opinion. An asterick (\*) at the beginning of a question indicates that a response is required. At the conclusion of the survey you will click DONE to exit the survey.**

**Please select "next" to begin the survey.**

**Public reporting burden of this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0974).**

## Mycobacteriology Testing Algorithm

\* 1. To what extent have you applied the course information to your facility's overall mycobacteriology testing algorithm?

- I recommended or initiated changes to the algorithm
- I reviewed the existing algorithm and determined no changes were necessary
- I improved my awareness or understanding of mycobacteriology testing algorithms
- This topic was not relevant or useful

## Growth-Based Methods for Isolation and Identification

\* 2. To what extent have you applied the course information to your personal or your facility's laboratory practices related to growth-based ISOLATION and IDENTIFICATION (ID) of mycobacteria?

	I recommended or initiated changes to my personal or my facility's practices	I reviewed my personal or my facility's practices and confirmed they are up-to-date	I improved my awareness or understanding of this topic	This topic was not useful or relevant
Media hold time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ID method(s) used	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ID algorithm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretation and reporting of ID results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality control / quality assurance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Molecular Methods for Detection and Identification

\* 3. To what extent have you applied the course information to your personal or your facility's laboratory practices related to MOLECULAR methods used to DETECT and IDENTIFY mycobacteria?

	I recommended or initiated changes to my personal or my facility's practice	I reviewed my personal or my facility's practices and confirmed they are up-to-date	I improved my awareness or understanding of this topic	This topic was not useful or relevant
Procedure for direct detection of mycobacteria in clinical specimens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretation and reporting of direct detection molecular methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Molecular methods for identification of AFB positive cultures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whole genome sequencing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretation and reporting of molecular results from AFB positive cultures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality control / quality assurance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Troubleshooting of molecular methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Drug Susceptibility Testing

\* 4. To what extent have you applied the course information to your personal or your facility's practices related to mycobacteriology DRUG SUSCEPTIBILITY TESTING (DST) ?

	I recommended or initiated changes to my personal or my facility's practices	I reviewed my personal or my facility's practices and confirmed they are up-to-date	I improved my awareness or understanding of this topic	This topic was not relevant or useful
Growth-based DST methods for MTBC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpreting and reporting of DST results for MTBC using growth-based methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Algorithm for identifying drug resistance mutations by DNA sequencing, pyrosequencing, or molecular beacons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretation and reporting results of drug resistance mutations by DNA sequencing, pyrosequencing or molecular beacons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality control / quality assurance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of the DST Reference Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Safety and Quality Management

\* 5. To what extent have you applied the course information to your personal or your facility's mycobacteriology SAFETY and QUALITY MANAGEMENT practices?

	I recommended or initiated changes to my personal or my facility's practices	I reviewed my personal or my facility's practices and confirmed they are up-to-date	I improved my awareness or understanding of this topic	This topic was not relevant or useful
Risk assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety practices in BSL-2/BSL-3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biosafety cabinet practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monitoring of performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assessment of laboratory data and practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Validation / Verification of assays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Please share examples, challenges or comments related to how you may have applied the course information to your personal or facility's laboratory practices in these areas of diagnostic mycobacteriology:

Overall mycobacteriology  
testing algorithm

Growth based isolation  
and identification methods

Molecular methods to  
detect and identify  
mycobacteria

Whole genome  
sequencing

Mycobacteriology drug  
susceptibility testing

Safety and quality  
management

7. Additional comments or suggestions for future training courses or products:

**Thank you!**

**When you click "done", your answers will be submitted and you will exit the survey.**