

FACILITATOR GUIDE

LJ CULTURE TECHNIQUE

LJ CULTURE READING AND INTERPRETATION

Module:9

Acknowledgements

This Module was prepared by Kabugo Joel.

Part 5.0: LJ culture reading and interpretation



OBJECTIVE: To understand the different principles and techniques employed in LJ Culture method and the stepwise Identification of MTB complex.

MATERIALS:

1. Handouts,
2. Slides
3. Computer
4. Over head projector
5. Flip chart
6. Markers and pens
7. Note books
8. WHO Guidelines and Standards

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
2. Practical
3. Individual/ Group exercise
4. Take homes

ADVANCE PREPARATION:

1. Printing notes,
2. Familiarize oneself with the slides and the WHO guidelines regarding LJ culture reading and interpretation

FACILITATORS STEP-BY STEP INSTRUCTIONS:

1. Welcome and Introduction
2. Present module outline and the proceeding power points
3. At slide number 13; split the class in at groups (group size ranges from 3-5 participants) for the group exercise for not more than 5 minutes.
4. Continue with the presentation

5. Recap presentation using the assessment questions.
6. Ask if there is any question.

FACILITATORS NOTES

1. Stress the morphological appearance and grading in LJ culture method
2. Take critical understanding of all the necessary equipment, their maintenance and use in LJ culturing and precautions taken during specimen culturing
3. Elaborate on Methods used in MTB Complex Identification

SLIDE OF POWERPOINT PRESENTATION



**Training on LJ CULTURE METHOD
(LJ CULTURE READING AND INTERPRETATION)**

23rd– 27th 2018

**Uganda Supranational Reference
Laboratory**

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SITUATION ANALYSIS/ EXERCISES

Break class into groups of 3-5 people

ASSESSMENT REVIEW

1. What are the key equipment and materials needed during culture reading?
2. What is the importance of weekly monitoring of cultures?
3. Why should antigen test be performed on all positive cultures?
4. What is the characteristic appearance of MTB?
5. What are some of the causes of LJ slant contamination?

REFERENCES

- GLI TB training package
(<http://www.stoptb.org/wg/gli/trainingpackages.asp>)