FACILITATOR GUIDE

LJ CULTURE TECHNIQUE

LJ CULTURE READING AND INTERPRETATION

Module:9

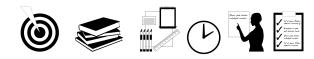
LJ/FG/009 Version 1.0

Effective date: 01-Jun-2019

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

LJ/FG/009 Version 1.0

Effective date: 01-Jun-2019

- 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 LI CULTURE METHOD
(LI CULTURE READING AND INTERPRETATION)

23rd-27th 2018

Uganda Supranational Reference Laboratory

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)

Version 1.0 Effective date: 01-Jun-2019