

FACILITATORS GUIDE

Training on Proficiency Testing Scheme (Microscopy PT)

MODULE: 4

Use and maintenance of Microscope PT equipment

Acknowledgements

This Module was prepared by Pius Lutaaya.

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Part 1.0: Use and maintenance of LPA equipment



OBJECTIVE: To understand the purpose of the various LPA equipment and also know how to take good care of these equipment in order to improve their shelf life as well as get valid results.

MATERIALS:

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

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
- 2.** Discussion
- 3.** Group exercise

ADVANCE PREPARATION:

1. Printing notes,
2. Familiarize oneself with the slides
3. Ensure that the exercise sheets are pre-printed prior to the presentation
4. Prepare at least 4 different facilitators to take the class through the practical session

FACILITATORS STEP-BY STEP INSTRUCTIONS:

1. Welcome and Introduction
2. Present module overview
3. Break the class in at least 5 groups and issue out the exercise sheets.
4. Recap presentation using discussion questions
5. Ask if there is any question.
6. Distribute handouts
7. Practical session: the class will be broken up into 4 groups and these groups will be attended to by 4 different facilitators in the laboratory.

FACILITATORS NOTES

1. This session is summarized in the exercise at the beginning of the session hence it will not be necessary to spend more than a minute on each of the slides.

SLIDE OF POWERPOINT PRESENTATION



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(Microscopy PT)

Module 4: Use and maintenance of Microscope PT
equipment

24th- 29th April 2018

Uganda Supranational Reference
Laboratory

SITUATION ANALYSIS/ EXERCISES

- 1) In your groups identify at least 8 equipment used in the Microscopy PT laboratory
- 2) Name the purpose for each of the equipment named above
- 3) What are the maintenance procedures for the above-mentioned equipment?

ASSESSMENT REVIEW

- 1) List at least 5 key Microscopy PT equipment.
- 2) Identify one way of maintaining each of the named 5 equipment.
- 3) What are the advantages and disadvantages of using a water bath compared to the water beaker?

REFERENCES

- GLI TB training package
(<http://www.stoptb.org/wg/gli/trainingpackages.asp>)
- NTRL Proficiency SOP (PT SOP 008 and 009)
- *ISO/IEC 17043 First edition 2010-02-01*
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