

## **FACILITATORS GUIDE**

# **Training on Proficiency Testing Scheme (Microscopy PT)**

## **Module 5: preparation of microscopy PT items**

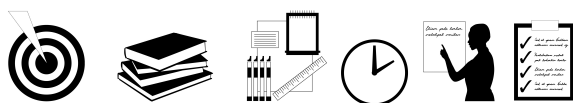
### **Acknowledgements**

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## Part 1.0: Over view

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**OBJECTIVE:** To acquaint and refresh participants with the basic knowledge of molecular biology.

**MATERIALS:**

1. Handouts,
2. Slides
3. Computer
4. Over head projector
5. Flip chart
6. Markers and pens
7. Not books

**TIMELINE:** 45 Minutes

**METHODOLOGY:**

1. Lecture
2. Discussion

**ADVANCE PREPARATION:**

1. Printing notes,
2. Familiarize oneself with the slides

**FACILITATORS STEP-BY STEP INSTRUCTIONS:**

1. Welcome and Introduction
2. Present module overview
3. Ask question about module expectations
4. Distribute handouts
5. Start the presentation
6. Recap presentation using discussion questions
7. Ask if there is any question.

**FACILITATORS NOTES**

1. Make sure you go slow with the presentation as most of the participants may not be very conversant with the over view.
2. Encourage some of the participants to answer some of the questions that may arise during the presentation as this may create active participation from most of the class.

**SLIDE OF POWERPOINT PRESENTATION**



**SITUATION ANALYSIS/ EXERCISES**

Prepare a written checklist for all materials and tools required during preparation of Microscopy PT items

#### **ASSESSMENT REVIEW**

1. What type/ forms of samples can Microscopy PT items be prepared?
2. Mention 4 ways to minimize cross contamination item preparation.
3. How can one quality control the process during microscopy PT preparation.

#### **REFERENCES**

- ISO 13528:2005, *Statistical methods for use in proficiency testing by interlaboratory comparisons*
- ISO 15189, *Medical laboratories – Particular requirements for quality and competence*
- ISO Guide 34, *General requirements for the competence of reference material producers*
- ISO Guide 35, *Reference materials – General and statistical principles for certification*
- ISO/IEC 17043 First edition 2010-02-01
- Guide 34, ISO Guide 35 and ISO 13528 (homogeneity and stability)
- ISO/IEC Guide 98-3, *Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)*
- ISO/IEC 17011:2004, *Conformity assessment – General requirements for accreditation bodies accrediting conformity assessment bodies*
- ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*