

FACILITATORS GUIDE
Training on Proficiency Testing Scheme
(Microscopy PT)

Biosafety in Microscopy PT preparation

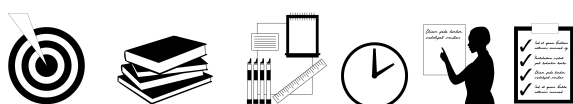
Module 2

Acknowledgements

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Part 1.0: Biosafety in Microscopy PT preparation



OBJECTIVE: To acquit participants with Knowledge of Biosafety in TB molecular Laboratory

MATERIALS:

1. Handouts,
2. Slides
3. PPE: gloves, lab coats/gowns, lab shoes/shoe covers and N95 respirators

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
2. Discussion
3. Demonstration
4. Video

ADVANCE PREPARATION:

1. Printing notes,
2. Reading Biosafety materials and slides
3. Preparing the PPE demonstration materials: gloves, lab coats/gowns, N95 respirators and lab shoes/shoe covers.

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. Personal Protective Equipment demonstration
8. Ask if there is any question.

FACILITATORS NOTES

1. Notes on Personal Protective Equipment
2. Discussion questions; how you manage spillage in molecular lab, what safety measure are required in molecular lab.
3. Instructions on demonstration

SLIDE OF POWERPOINT PRESENTATION

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Module 2: Biosafety in Microscopy PT preparation

24th- 29th April 2018

Uganda Supranational Reference
Laboratory

SITUATION ANALYSIS/ EXERCISES

Ask for a volunteer (s) to practice donning and doffing of PPE

Gloves

Assess how well the gloves are put on/don

Ensure that double gloving is maintained

Observe the removal/doff of the gloves: ensure that contamination of the dirty/ contaminated gloves does not touch the skin

N95 respirator

Observe procedure of putting on the respirator.

Straps should be hanging freely under the palm.

Respirator should be placed on the face without touching the inside.

Metal clip of the respirator should sit on the nose and should be carefully molded to conform to the nose of the user.

Comment about the labeling and storage of the respirators

Laboratory gown

Observe if the person correctly ties the four straps of the gown.

Observe whether the gown is correctly removed taking care not to contaminate the inside part.

Respirator fit testing

Play the 8 minute video that demonstrates the fit testing procedure

After the video explain the various components of the fit testing kit

Get a volunteer and demonstrate to the class how to conduct the fit testing.

Allow at least 2 or 4 persons to come be fit tested by the fellow participants.

Observe and guide the class through the various activities of the fit testing session.

ASSESSMENT REVIEW

Request the trainees to answer **true** or **false**

1. Surgical masks protect you from TB infection.
2. Remove personal protective equipment in the following order:

respirator/mask

disposable gloves

gowns/coats/suits/overalls.

1. In case of spills outside the BSC, you should evacuate the room and stay outside with the door closed for at least 30 minutes.

REFERENCES

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