Training on MGIT Culture
MODULE 1:

WHO Recommended TB Diagnostics

Version: 1.0

Date

Acknowledgements
This Module was prepared by:

Acknowledgement is made to the team at KNCV-Challenge TB that provided the technical support in the review of the module

Part 1.0: 0verview of liquid culture using the BACTEC™ MGIT™ 960 system

OBJECTIVE: To know how to safely prepare good quality sputum smears.
MATERIALS:
1. Handouts,
2. Slides
3. Computer
4. Over head projector
5. Flip chart
6. Markers and pens
7. Note books

TIMELINE: 45 Minutes

METHODOLOGY:
1. Lecture
2. Assessment/group exercise

ADVANCE PREPARATION:
1. Printing of handouts,
2. Familiarize oneself with the slides

FACILITATORS STEP-BY STEP INSTRUCTIONS:
1. Welcome and Introduction
2. Present module outline followed by the rest of power points
3. Recap presentation using the assessment questions.
4. Ask if there is any question.
5. Distribute handouts

FACILITATORS NOTES
1. This session requires direct engagement with participation from the class.

SLIDE OF POWERPOINT PRESENTATION

Algorithm for WHO Recommended Diagnostics (WRDs)
(MGIT Culture)
Module 1: WHO recommended TB diagnostic assays & algorithms

Date:

By:

Uganda Supranational Reference Laboratory

1

SITUATION ANALYSIS/ EXERCISES
Break class into groups of 3-5 people
1. Engage class to list all the WHO approved TB diagnostic tests that they know
2. Identify the role of each of those tests in the MTB MGIT culture diagnostic algorithm.

ASSESSMENT REVIEW
1. What is the role of culture & phenotypic DST in the diagnosis & management of TB with the advent of the rapid and more sensitive TB diagnostic assays?

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