



Training on LJ culture method

Module 10: Management of DR TB patients profiles

Venue:

Presenter:

Date:

Introduction and Objective

Introduction

- This module details important aspects regarding preparation and presentation of DR TB profiles of patients on DR TB regimens

Objective

By the end of this module, participants should be able to;

- Understand the importance of preparation of DR TB patients profiles for patients enrolled on DR TB regimens.
- Support the NTP with the preparation of DR TB patients profiles for monitoring culture conversion

Content outline

- Purpose of MDR TB patient profiling
- Preparation of MDR TB patient profile
- Follow up actions taken after preparation of DR TB patient profiles

Purpose of MDR TB patient profiling

Purpose

- To provide relevant information regarding patients response to treatment
- To support real time monitoring of submission of samples to culture laboratory for monitoring sputum conversion
- To provide data for periodic cohort reviews arranged by the NTP and DR TB treatment initiation facilities.
- Aids in identification of trends in results for patients line listed at NRL making troubleshooting of discrepant results possible.

Preparation of MDR TB patient profile

Steps to take in preparation of DR TB profiles

- Identify a lead/ focal person within the laboratory for preparation of DR TB patients profiles.
- Line list all patients by name and or Patient ID whose baseline sample has been received at the culture and DST lab.
 - Can be done in Excel sheets
 - An independent Excel workbook to be made for each DR TB treatment facility.
 - Each patient's data presented on a separate Excel sheet within the workbook.

Preparation of MDR TB patient profile (2)

- Under each patients worksheet, update information of each patients samples received by date of receipt and corresponding culture/DST results.
 - Include months of treatment and sample collection date as provided on patients requisition form.

Follow up actions taken after preparation of DR TB patient profiles

- Periodically share DR TB patients profiles with the NTP, DR TB treatment centers and any other relevant stakeholders for use in review meetings
- Communicate to relevant stakeholders on any interruptions in sample submission to the culture and or DST labs for any DR TB patient.
- Monitor trend of results obtained within the Culture/DST lab and troubleshoot any discrepant results before issuing results.

Exercise (10 mins)

1. What is the importance of DR TB patients profiling?
2. Describe the steps to be taken in preparation of DR TB patients profiles.

Summary

- Profiling DR TB patients data is an essential tool for effective management of DR TB client.
- Culture and DST laboratory can take up this role and profile patients data based on samples received and corresponding test results.
- Patients profiles must be shared with key stakeholders regularly depending the need or periodicity agreed upon.

References

- NTRL LIS

Acknowledgments

