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THE TB SAMPLE REFERRAL SYSTEM (TSRS) TRAINING

Module 9

Monitoring and Evaluation (M &E)

xXth -xXth MONTH YEAR

NAME OF PRESENTER

OUTLINE

- Scope of M and E system

- TSRS Indicators

- Tracking systems for referral system

Exercise (10 minutes)

1. Why do you think its important to monitor the performance of the TB sample referral system and how can it be performed?

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Scope of Monitoring and Evaluation (M & E) system

Monitoring and evaluation (M&E) for specimen referral systems should examine

• The performance of the overall system at a high level.

• Operations at a more detailed level.

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Benefits of M and E system

- Ensures good quality specimens reach the testing sites in a timely manner

- Results are returned to referring sites rapidly

- Biosafety and biosecurity measures are properly followed

- Packaging and transportation equipment used meet the country's standards.

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M and E System Design

- M&E framework to be developed at the design phase in order to be able to collect the data needed for monitoring the selected indicators.

- Entails standardizing the registers and forms used across all current systems, quality control practices during specimen collection, packaging and transportation.

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Indicators for Monitoring the TB sample referral system

Indicators can divided into:

📖 Those indicators tracked by the referring health facility

📖 Those tracked by the testing health facility

📖 Courier tracked indicators

📖 TWG or MOH tracked indicators

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Monitoring and Evaluation of the TB Sample Referral System

- For example, the quality of the specimens need to be logged at the referring site before they are sent to the testing laboratory, and transport logs would need to accompany the shipments to show how many specimens and results are transported per facility; these logs should be signed by both sending and receiving parties, including drivers, along every change of hands to create a tracking system.

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Sample tracking systems

Development and use of mobile applications and dashboard

- Sample/shipment tracking mobile application is installed on phones of sample transporters.

- Mobile application captures data at different stages of the sample and result transport process i.e. sample pick up, sample delivery, results pickup and results delivery.

- Sample barcodes scanned at sample pick up and drop off by sample transporters and information sent into the sample tracking dashboard.

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Motor bike tracking system

Tracks sample transporter's movements

1. Ensures bikes are not misused and stolen.

2. Notifies whenever there is violation of set rules that would compromise sample delivery.
   - Sample transporters motorbikes are monitored using a GPS tracking system.

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Assessment

1. Outline the indicators for monitoring that can be obtained from the referring and testing health facilities of the TB referral system?

2. Which tool(s) can be used in collecting the necessary information for monitoring each of the indicator?

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summary

- M and E should be performed on the overall system at a high level and operations at a more detailed level

- This enables for to identification of gaps that can be used to generate actions for improvement of the TB sample referral system

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References

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- Global tuberculosis report 2019, https://apps.who.int/iris/bitstream/handle/10665/329368/9789241565714-eng.pdf?ua=1
- GLI guide to TB specimen referral systems and integrated network http://www.stoptb.org/wg/gli/assets/documents/GLI_Guide_specimens_web_ready.pdf
- Guidelines for the Uganda national health laboratory hub and sample transport network

  http://cphl.go.ug/sites/default/files/2019-06/Hub%20Guidlines.pdf

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Acknowledgments