

2012- TB Laboratory Specimen Referral, Reporting & Transportation for diagnosis and management of MDR-TB (January to June 2012)

Referring Facility Questionnaire-Form 1

For Official Use Only

SECTION A: IDENTIFICATION PARTICULARS

(Tick or describe the answer in the space(s) provided and leave boxes on the right for coding/official use only)

- 1. PROVINCE: _____ []
- 2. DISTRICT: _____ [] []
- 3. HOSPITAL/HEALTH CENTRE: _____ [] []
- 4. DEPARTMENT: _____ [] []
- 5. PROFESSION OF RESPONDANT: _____ []
- 6. POSITION OF RESPONDANT: _____ []
- 7. SEX OF RESPONDANT: 0.[] Female 1.[] Male
- 8. DATE OF INTERVIEW: ____/____/2012 NAME OF INTERVIEWER: _____

SECTION B: SPECIMEN MANAGEMENT MDR-TB

(Tick in the box (es) or give a brief description for the answer in the space(s) provided)

Q1. At your institution, do you have a functional laboratory for?

- a.) Tuberculosis (TB) culture? 0.[] Yes 1.[] No
- b.) Drug Susceptibility Testing (DST)? 0.[] Yes 1.[] No
- c.) Line Probe Assay (Hain test)? 0.[] Yes 1.[] No
- d.) Xpert MTBRIF? 0.[] Yes 1.[] No

Q2. Who collects the specimen for the requested tests?

- 0.[] Nurses
- 1.[] Clinicians
- 2.[] Lab Staff
- 3.[] Caregivers
- 4.[] Others specify _____

Q3. Do you have different forms used to request for tests and for transporting specimens to the reference center? 0.[] Yes 1.[] No

Q4. Where is specimen collection done?

- 0.[] Laboratory
- 1.[] Clinics
- 2.[] Wards
- 3.[] Sputum collection corner/room
- 4.[] Others specify_____

Q5. How do you collect sputum specimens

- 0.[] Give instructions
- 1.[] Just give the container to the patient
- 2.[] Tell the patient to go outside and cough
- 3.[] I do not know
- 4.[] Other specify_____

Q6. Once the specimens are collected how are they stored/kept? (Briefly describe)

Q7. Once the specimens are collected where are they sent?

- 0.[] Reference Laboratory
- 1.[] Others specify_____

Q8. How long does it take to dispatch specimen to the referral centre after collection?

- [] 1 day
- [] 2 days
- [] 3 days
- [] >= 4 days

Q9. How often do you experience failure to send specimens to the referral centre?

- 0.[] Once per month
- 1.[] Once per quarter
- 2.[] Once per week
- 3.[] Every day
- 4.[] Other specify_____

Q10. Are you informed by the Reference Laboratory of the laboratory related logistics on?

- a.) Equipment failure? 0.[] Yes 1.[] No
- b.) Reagent/supplies stock outs? 0.[] Yes 1.[] No
- c.) Transport problems in time not to collect specimen? 0.[] Yes 1.[] No

Q11. How often do you experience stock outs of specimen containers in a quarter?

- 0.[] Once per month
- 1.[] Once per 3 weeks
- 2.[] Once per 2 weeks
- 3.[] Once a week
- 4.[] Other specify_____

Q12. Who is responsible for the packing of specimens for the reference centre?

- 0.[] Laboratory Staff/In-charge
- 1.[] Clinicians
- 2.[] Driver
- 3.[] Nurses
- 4.[] Others specify_____

Q13. Do you use any preservatives for specimens to be referred and what type?

- 0.[] Yes
- 1.[] No

Q14. How do you package the specimen for referral?

- 0.[] Triple packaging
- 1.[] Use international guidelines
- 2.[] Other methods please specify_____

Q15. Who transports the specimens from the referring facility to the reference centre?

- 0.[] Laboratory Staff
- 1.[] Clinicians
- 2.[] Driver
- 3.[] Nurses
- 4.[] Others specify_____

Q16. What is the mode of transport?

- 0.[] Public Vehicle
- 1.[] Motor Bike
- 2.[] Others specify_____

Q17. Who pays for transportation costs?

- 0.[] Referring facility
- 1.[] Patient(s)
- 2.[] Others specify_____

Q18. How long does it take from the time of specimen referral to receipt of results?

A) Culture

- [] 1 week
- [] 2 weeks
- [] 3 weeks
- [] >= 4 weeks

B) DST

- [] 1 week
- [] 2 weeks
- [] 3 weeks
- [] >= 4 weeks

Q19. Who collects results from the National Reference Tuberculosis Laboratory?

- 0.[] Laboratory Staff
- 1.[] Clinicians
- 2.[] Driver
- 3.[] Nurse
- 4.[] Others specify_____

Q20. Who receives and records the results from National Reference Tuberculosis Laboratory?

- 0.[] Laboratory Staff/In-charge
- 1.[] Clinicians
- 2.[] Nurses
- 3.[] Others specify_____

Q21. Where is the record of results kept at your centre?

- 0.[] Laboratory
- 1.[] Clinics
- 2.[] Wards
- 3.[] Sputum collection corner/room
- 4.[] Others specify_____

Q22. Are there guidelines/manual for specimen referral, reporting and transportation for diagnosis and management of MDR-TB? 0.[] Yes 1.[] No

(If Yes, please verify availability)

SECTION C: TB LABORATORY WORK LOAD

(Provide 6 months data from January- June 2012 in the space(s) provided)

Q1.Total number of smears examined? [.....]

Q2. Total number of positive smears? [.....]

Q3. What is the number of new patients with positive TB smear? [.....]

Q4. What is the number of specimens referred for;

a.) Culture? [.....]

b.) Drug Susceptibility Testing (DST)? [.....]

Q5. Total number of cultures results received? [.....]

Q6. What is the number of new patients with positive TB culture? [.....]

Q7. What is the number of specimens referred for Line Probe Assay (Hain test)? [.....]

Q8. What is the number of MDR-TB cases with primary drug resistance identified per 6 month? [.....]

Q9. What is the number of MDR-TB cases with secondary drug resistance identified per 6 months? [.....]

Q10. What is the number of patients/referral cases started on 2nd line treatment [.....]

SECTION D: CHALLENGES ON DIAGNOSIS AND MANAGEMENT OF MDR-TB

(Give a brief description for the answer in the space(s) provided)

Q1. What are the challenges of the specimen referral system? *(Briefly explain)*

Q2. What improvements would you like to see to the specimen referral system? *(Briefly explain)*

Q3. What are the challenges and constraints to diagnosing and treating MDR TB cases (including availability of 2nd line drugs for the numbers diagnosed)? *(Briefly explain)*

Q4. What is your current status of implementing of PMDT/ NTP policies and guidelines on MDR TB diagnosis and management? *(Briefly explain)*

Q5. Is there a need for improvement and capacity building in the implementation of the PMDT guidelines? 0.[] Yes 1.[] No

(Briefly explain)

End of Interview!

THANK YOU FOR YOUR INFORMATION AND TIME