

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.[<input type="checkbox"/>] Yes 1.[<input type="checkbox"/>] No |
| b.) Reagent/supplies stock outs? | 0.[<input type="checkbox"/>] Yes 1.[<input type="checkbox"/>] No |
| c.) Transport problems in time not to collect specimen? | 0.[<input type="checkbox"/>] Yes 1.[<input type="checkbox"/>] 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