

Supplementary file 2: Healthcare Workers Interview Questionnaire

Date: _____

Health facility description (To be filled in by the researcher)

1. Questionnaire Identification Number: _____
2. Facility type: Hospital/Health centre/ Clinic
3. Facility location: Urban/Semi-urban/Rural

Section A: INTRODUCTIONS

- The researcher introduces herself and confirms the healthcare worker is the right one who is scheduled for the interview.
- The researcher gives an overview of the study to the healthcare worker and hands her a copy of the study information sheet (the healthcare worker would have received one by email some days before the interview).
- If the healthcare worker accepts to participate in the study, s/he is given the consent form to review and endorse.

Section B: SURVEY**Sociodemographic Details**

1. Date of Birth: _____
2. Gender: Male/Female/Other
3. Region of residence: Hhohho/Lubombo/Manzini/Shiselweni

Occupational History

1. Region hospital is located: Hhohho/Lubombo/Manzini/Shiselweni
2. Occupation/profession type e.g., a. Nurse b. Doctor
3. Nature of work a. direct patient care c. Other
4. Highest qualification a. Certificate b. Diploma c. Degree d. Post-graduate
5. Total number of years in your profession _____
6. Duration of years providing care for TB patients _____
7. Received training for Non-communicable diseases Yes/No
8. Received specific training in TB/NCD care. Yes/No
9. Received specific training in TB/Diabetes care. Yes/No
10. Number of in-service training received in the last twelve-months _____

Patient Care related Questions

1. In a month how many TB patients on the average present with a non-communicable disease (NCD) in your hospital e.g. of NCD – hypertension, diabetes, asthma, cancers _____
2. What is the commonest NCD they present with? _____
3. In a month how many TB patients present with Diabetes Mellitus (This is baseline blood glucose >7.0 mmol/dl)? _____
4. Indicate Yes/No if the following are readily available at your health facility:
 - a. Policy document on TB care
 - b. Current National TB Treatment guidelines
 - c. Standard Operating Procedure (SOP) for the care of TB patients with diabetes mellitus
 - d. Training requirement for staff on non-communicable diseases
 - e. Essential medicines list
5. Describe the protocol or give a summary of the protocol followed if “Yes” to 4C above.

6. If a TB patient has DM, is the treatment offered at the same consultation room? Yes/No
 7. Where a TB patient is HIV positive and has diabetes mellitus, is the treatment for the three conditions offered at the same consultation room? Yes/No
 8. Does your facility provide HbA1c? Yes/No
 9. If Yes to 8 above, describe the referral process:
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10. Indicate Yes/No if the following services are offered to TB clients at baseline:
 - a. HIV Testing
 - b. Fasting/random blood glucose
 - c. Blood Pressure measurement
11. Indicate Yes/No if the following services are offered to TB clients during follow-up visits:
 - a. HIV Testing
 - b. Fasting/random blood glucose
 - c. Blood Pressure measurement
12. Indicate if the following are available or not available for TB patient screening at your OPD:
 - a. Sphygmomanometer
 - b. Weighing scale
 - c. Glucometer
 - d. Urinalysis test strips
13. Indicate Yes/No if the following medications are available for dispensing at your facility:
 - a. Insulin
 - b. Oral DM drugs
 - c. Antihypertensive medication
14. Indicate Yes/No if there has been a stock-out of the following medications at your hospital in the last six months:
 - a. Glucometer test strips
 - b. Urinalysis test strips
 - c. Insulin
 - d. Oral DM medication
 - e. Antihypertensive medication
 - f. At least one 1st line TB medication
15. How many clinical staff (doctors and nurses) provide care for TB patients in your hospital?

Section C: Qualitative Interview

Healthcare Providers Perspective

1. Considering the number of TB Patients seen daily at your TB department, do you think your department has enough clinical staff? _____
 2. What best practices have your unit adopted that has improved the care of TB clients receiving treatment for Diabetes Mellitus?
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3. What is your view of the current standard of care for TB patients? _____

4. Do you feel you are well trained and prepared to provide the required care for TB clients with DM?

5. Are there any challenges that hinder you from providing effective care to TB Patients in your hospital?

6. Are there any challenges that limit the provision of diabetes mellitus care to TB patients in your hospital?

7. What would you suggest that can improve services delivery for TB patients with diabetes mellitus?

8. In the last 18 months, how has the COVID-19 Pandemic affected your ability to provide care to TB patients with diabetes mellitus?

9. Other comments _____