

Appendix D: Quality assessment of PMTCT data: sample site assessment tool

INSTRUCTIONS: Please complete this form with the staff member who provides PMTCT HIV testing services at the ANC HIV sentinel surveillance site. Provide the following information to the interviewee: "Today we would like to ask you some questions about this clinic, how PMTCT HIV testing services are delivered and data are recorded. We are not here to assess the clinic's or your performance, but rather to learn about the process of collecting information in PMTCT programmes. This process will take approximately 40 minutes to complete."

A. Site information	
INSTRUCTIONS: This section collects basic information about the interview and the site.	
1. Today's date	__ / __ / ____ (m m/d d/y yyyy)
2. Interviewer's name	
3. Interviewee's name and position	
4. Site name	
5. District	
6. Province/Region	
7. Setting	<input type="checkbox"/> Urban <input type="checkbox"/> Rural <input type="checkbox"/> Peri-urban
8. Average number of pregnant women enrolling in ANC services for a new pregnancy each month	____pregnant women
B. PMTCT programme information	
INSTRUCTIONS: The second section collects information about PMTCT HIV testing and syphilis testing services provided at this site and off-site. Explain to the interviewee that "at this site" refers to the building or compound of buildings that contains ANC services. "Off-site" refers to locations outside the building or compound of buildings that contains ANC services.	
9. PMTCT HIV testing approach	<input type="checkbox"/> Opt-in <input type="checkbox"/> Opt out
10. Is PMTCT HIV testing done at this site (the building or compound of buildings that contains ANC services) or off-site (locations outside the building or compound of buildings that contains ANC services)?	<input type="checkbox"/> At this site ⇒ if Yes, skip to Question 15 <input type="checkbox"/> Off-site ⇒ If No, go to next question
11. Where is off-site PMTCT HIV testing done?	<input type="checkbox"/> Off-site laboratory <input type="checkbox"/> Care and treatment centre <input type="checkbox"/> VCT site <input type="checkbox"/> Other_____
12. If a pregnant woman is referred to an off-site location for PMTCT HIV testing, when does she do her off-site HIV testing?	<input type="checkbox"/> Always on the same day that she is referred for testing <input type="checkbox"/> Sometimes on the same day that she is referred for testing <input type="checkbox"/> Rarely on the same day that she is referred for testing
13. How are the results of off-site PMTCT HIV testing physically returned to this facility?	<input type="checkbox"/> Returned by the testing site (lab, VCT site, etc.) <input type="checkbox"/> Returned by the pregnant woman
14. When are off-site PMTCT HIV test results physically returned to this facility?	<input type="checkbox"/> Always on the same day that a pregnant woman is referred for testing <input type="checkbox"/> Sometimes on the same day that a pregnant woman is referred for testing <input type="checkbox"/> Rarely on the same day that a pregnant woman is referred for testing } Skip to Question 17
15. What is the PMTCT HIV testing algorithm for on-site rapid testing?	15a. Screening test:
	15b. Confirmatory test:
	15c. Tie-breaker test:

16. In the past 12 months, was there ever a time when HIV test kits were unavailable due to stock-outs?	<input type="checkbox"/> No <input type="checkbox"/> Yes ⇒	16a. If Yes, how many distinct instances of stock-outs were there in the past 12 months? <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 or more
17. In the past 12 months, did pregnant women have to pay for PMTCT HIV testing services?	<input type="checkbox"/> No <input type="checkbox"/> Yes	
18. When is syphilis testing part of routine ANC services?	<input type="checkbox"/> Syphilis testing done routinely all year <input type="checkbox"/> Syphilis testing done routinely only during surveillance <input type="checkbox"/> Syphilis testing not done routinely	
19. Is syphilis testing done at this site (the building or compound of buildings that contains ANC services) or off-site (locations outside the building or compound of buildings that contains ANC services)?	<input type="checkbox"/> At this site <input type="checkbox"/> Off-site	

C. Patient data recording in the site registers

INSTRUCTIONS: This section asks about site registers, what variables are routinely recorded in each register and when HIV test results are routinely recorded. This section asks whether each variable is recorded in: a separate ANC register, a separate PMTCT HIV testing register (for all women who attend ANC services, not only those who are HIV-positive), a combined ANC/PMTCT register (ANC and PMTCT HIV testing records both contained in one physical register), a laboratory register, or whether the variable is not recorded. These questions only concern at site registers, not patient files or patient records retained by the pregnant woman. Please ask to see the registers to verify that all the variables are recorded as described.

In what site registers are the following variables recorded? (check all that apply)

Variable	A. Separate ANC register	B. Separate PMTCT HIV testing register (for all women who attend ANC services, not only HIV-positive women)	C. Combined ANC/PMTCT HIV testing register (ANC and PMTCT HIV testing records both contained in one register)	D. Laboratory register	E. Not recorded
20. Age	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Gravity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Parity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Date of visit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Educational level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Occupation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. HIV test offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. HIV test accepted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. HIV test result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Syphilis test result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. At which ANC visit is a woman's PMTCT HIV test result recorded in the separate ANC register?	<input type="checkbox"/> Always 1st visit <input type="checkbox"/> Usually 1st visit		<input type="checkbox"/> Usually 2nd or 3rd visit <input type="checkbox"/> Not recorded in this register		
32. At which ANC visit is a woman's PMTCT HIV test result recorded in the separate PMTCT HIV testing register?	<input type="checkbox"/> Always 1st visit <input type="checkbox"/> Usually 1st visit		<input type="checkbox"/> Usually 2nd or 3rd visit <input type="checkbox"/> Not recorded in this register		
33. At which ANC visit is a woman's PMTCT HIV test result recorded in the combined ANC/PMTCT HIV testing register?	<input type="checkbox"/> Always 1st visit <input type="checkbox"/> Usually 1st visit		<input type="checkbox"/> Usually 2nd or 3rd visit <input type="checkbox"/> Not recorded in this register		
34. At which ANC visit is a woman's PMTCT HIV test result recorded in the laboratory register?	<input type="checkbox"/> Always 1st visit <input type="checkbox"/> Usually 1st visit		<input type="checkbox"/> Usually 2nd or 3rd visit <input type="checkbox"/> Not recorded in this register		

D. Register formats	
INSTRUCTIONS: This section asks about the format of site registers. Please ask to see the current registers to confirm the format of the registers in use.	
35. Is the site using the current national standard separate ANC register?	<input type="checkbox"/> No <input type="checkbox"/> This type of register not in use at the site <input type="checkbox"/> Yes
36. Is the site using the current national standard separate PMTCT HIV testing register?	<input type="checkbox"/> No <input type="checkbox"/> This type of register not in use at the site <input type="checkbox"/> Yes
37. Is the site using the current national standard combined ANC/PMTCT HIV testing register?	<input type="checkbox"/> No <input type="checkbox"/> This type of register not in use at the site <input type="checkbox"/> Yes
38. Is the site using the current national standard laboratory testing register?	<input type="checkbox"/> No <input type="checkbox"/> This type of register not in use at the site <input type="checkbox"/> Yes
E. Previously known HIV-positive pregnant women	
INSTRUCTIONS: This section collects information about pregnant women who already know that they are HIV-positive upon presenting at their first ANC visit, what kind of PMTCT HIV testing services they receive and how their information is recorded. registers in use.	
39. If a pregnant woman already knows she is HIV-positive upon presenting at her first ANC visit, is she still given an HIV test for PMTCT?	<input type="checkbox"/> No ⇨ 39a. If No, what is recorded in the pregnant woman's "HIV test result" field in the relevant register? <input type="checkbox"/> "Positive" <input type="checkbox"/> "Known positive" <input type="checkbox"/> Nothing recorded <input type="checkbox"/> Other _____ <input type="checkbox"/> Yes
40. Is any information recorded in site registers to indicate that a pregnant woman already knows she is HIV-positive upon presenting at her first ANC visit?	<input type="checkbox"/> No 40a. If Yes, in which column of the relevant register is this information recorded? <input type="checkbox"/> Yes ⇨ <input type="checkbox"/> HIV test accepted / HIV test done <input type="checkbox"/> HIV test result <input type="checkbox"/> Notes/comments <input type="checkbox"/> Other _____
F. Women who opt out of PMTCT HIV testing	
41. If a pregnant woman (who does NOT already know she is HIV-positive) opts out of PMTCT HIV testing, where is this opt out recorded?	<input type="checkbox"/> Opt out recorded in a "HIV test acceptance" or "HIV test done" column <input type="checkbox"/> Opt out recorded in the "HIV test results" column <input type="checkbox"/> Nothing recorded <input type="checkbox"/> Other _____
G. Patient flow walk-through	
INSTRUCTIONS: The goal of this section is to understand in more depth the flow of a pregnant woman through the clinic and collection of her data. This will be done by physically walking through the entire process while each step is explained and recorded below. You may use information collected in sections A–F to probe or clarify responses. You may also use this section to further describe non-standard practices not adequately captured till now. Each time the interviewee indicates that a piece of information (e.g. age) is recorded in a certain place (e.g. ANC register), ask to see and visually verify that the information is recorded there. Make sure that the walk-through covers each step in the PMTCT HIV testing process and what information is collected (e.g. age, parity, etc.), where it is recorded (e.g. registers, etc.), when it is recorded and how it is recorded.	
42. Please walk me through the entire process by which a pregnant woman moves through the clinic during her first ANC visit, from the time she enters to her departure. At every step of the way, please describe in detail PMTCT HIV testing procedures, when patient information is collected, where it is recorded, and who is responsible for recording it.	
INSTRUCTIONS: The following additional questions should be asked only if this information was not described (or not described in sufficient detail) in Question 42 above.	

<p>43. Is PMTCT HIV testing done at this site or off site? (PROBE: If off site, at what point of a pregnant woman's first visit does she go to the off-site location? When and how are HIV test results returned to the clinic to be recorded in the register?)</p>
<p>44. Please describe the clinical flow and how information is recorded for pregnant women who already know that they are HIV-positive upon presenting at their first ANC visit. (PROBE: Is information regarding a pregnant woman who already knows she is HIV-positive recorded anywhere? Are these pregnant women still tested for HIV?)</p>
<p>45. If a pregnant woman opts out of PMTCT HIV testing, what are the procedures? (PROBE: Is opt out recorded? If yes, where is this recorded?)</p>
<p>46. Where are the PMTCT HIV test results recorded? (PROBE: Are HIV test results recorded in one or multiple data tools? Where is this information recorded for the first time?)</p>
<p>INSTRUCTIONS: Thank the interviewee for his or her time and assistance.</p>