

## MODULE 5 BLOOD TRANSFUSION, DIAGNOSTICS, AND PHARMACY

FACILITY NUMBER

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INTERVIEWER CODE

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Number	Question	Result	Skip				
<b>SECTION 5.1 BLOOD TRANSFUSION</b>							
	<p>I would like to ask about blood transfusion resources and services available in this facility. ASK TO SPEAK WITH THE PERSON MOST KNOWLEDGEABLE ABOUT BLOOD TRANSFUSION SERVICES IN THE FACILITY. INTRODUCE YOURSELF, EXPLAIN: The officer in-charge has agreed that this facility can participate in this national survey of facilities with inpatient services that is being conducted by the Ministry of Health. I am interested in learning about the blood transfusion services available in this facility.</p>						
5100	Does this facility offer blood transfusion services for patients?	YES ..... 1 NO ..... 2	→ 5200				
ASK TO BE SHOWN THE LOCATION IN THE FACILITY WHERE BLOOD IS COLLECTED, PROCESSED, TESTED, STORED, OR HANDLED PRIOR TO TRANSFUSION. FIND THE PERSON MOST KNOWLEDGEABLE ABOUT BLOOD TRANSFUSION SERVICES IN THE FACILITY. INTRODUCE YOURSELF, EXPLAIN THE PURPOSE OF THE SURVEY AND ASK THE FOLLOWING QUESTIONS.							
5101	<b>INTERVIEW START TIME</b> (use the 24 hour-clock system)	: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px;"></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px;"></td> </tr> </table>					
5102	Have there been any interruptions in availability of safe units of blood for transfusion during the past 3 months?	YES ..... 1 NO ..... 2					
5103	Does this facility obtain safe units of blood for transfusion from a national, Zonal or State blood centre or blood bank?	YES ..... 1 NO ..... 2					
5104	Does this facility obtain units of blood by Family Replacement Donors, Voluntary Donors or Commercial Blood Donors?  IF YES, RECORD THE SOURCE OF THE BLOOD	YES ..... 1 _____ (SPECIFY SOURCE(S) OF BLOOD) NO ..... 2	→ 5106				
5104a	Does this facility screen units of blood with Rapid Kit or ELISA method?  IF YES, RECORD THE METHOD OF SCREENING	YES ..... 1 _____ (SPECIFY METHOD OF SCREENING) NO ..... 2					
<b>5104aaa</b>	What are the methods of screening	Rapid kit ..... 1 ELISA method ..... 2 Other specify ..... 96	Multiple response				
5105	Does this facility screen blood for infectious diseases before it is transfused?	YES ..... 1 NO ..... 2	→ 5106				
5105a	Please tell me if the blood that is transfused in the facility is "always", "sometimes", "rarely", or "never" screened for any of the following infectious diseases.						

BLOOD SCREENING TEST PERFORMED		ALWAYS	SOMETIMES	RARELY	NEVER
01	HIV	1	2	3	4
02	Syphilis	1	2	3	4
03	Hepatitis B	1	2	3	4
04	Hepatitis C	1	2	3	4
5106	Does this facility have a functional refrigerator in this service area dedicated for units of blood storage/quarantine? IF AVAILABLE PLEASE OBSERVE THE ITEM AND CHECK FOR FUNCTIONALITY				

	ITEMS	A) AVAILABLE			B) FUNCTIONING				
		OBSERVED	REPORTED NOT SEEN	NOT AVAILABLE	YES	NO	DON'T KNOW		
01	Refrigerator	1 → b	2 → b	3 5107 ←	1	2 5107 ←	8 5107 ←		
02	Thermometer in the refrigerator	1 → b	2 → b	3 5107 ←	1	2 5107 ←	8 5107 ←		
5106a	Does this refrigerator have daily temperature chart?	YES..... <b>1</b> NO..... <b>2</b>							
5106b	<b>CHECK THERMOMETER AND RECORD THE TEMPERATURE.</b>	<b>TEMPERATURE</b>			<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>				
5107	Do you have any guidelines on the appropriate use of blood and safe transfusion practices?  IF YES, ASK: May I see the guidelines?	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN ..... 2 NO ..... 3							
5108	Is there a dedicated staff assigned for blood transfusion services?	YES..... 1 NO ..... 2							
5109	Have any provider(s) of blood transfusion services received any training in the appropriate use of blood and safe transfusion practices in the last two years?	YES, TRAINING WITHIN THE PAST: 12 MONTHS..... 1 13-24 MONTHS..... 2 NO ..... 3							
5110	Is there a record for blood transfusions? IF YES, ASK May I see the record?	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN ..... 2 NO ..... 3							
5111	Is there a record of transfusion reaction? IF YES, ASK May I see the record?	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN ..... 2 NO ..... 3							

SECTION 5.2 LABORATORY ORGANIZATION AND SYSTEMS				
5200	Does this facility conduct any diagnostic testing either using laboratory equipment or rapid diagnostic tests?	YES ..... 1 NO..... 2	→5400	
<p>ASK TO BE SHOWN THE MAIN LABORATORY OR LOCATION IN THE FACILITY WHERE MOST TESTING IS DONE TO START DATA COLLECTION. INTRODUCE YOURSELF AND EXPLAIN:</p> <p>The officer in-charge has agreed that this facility can participate in this national survey of facilities with inpatient services that is being conducted by the Ministry of Health. I am interested in learning about any diagnostic tests conducted by this facility or of tests where the facility collects specimens that are sent elsewhere for testing where the result are returned to this facility for use. The questions I ask may apply to a special laboratory service area, or sometimes may refer to service sites where diagnostic test are conducted or where specimen are collected and sent outside the facility for testing.</p>				
A. LABORATORY RECORDS AND DOCUMENTS				
5201	Does the laboratory have a functional computer for storing laboratory data?	YES ..... 1 NO..... 2		
5202	Is there a system for documenting specimens that are received and for recording test results? IF YES, ASK: May I see the records? VERIFY THAT SPECIMENS RECEIVED AND TEST RESULTS ARE BOTH RECORDED.	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN..... 2 NO..... 3	→5203	
5202a	Is there any documentation process for requesting for repeat specimens/samples? IF YES, ASK: May I see the records?	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN ..... 2 NO..... 3		
5202b	Is this system used for all types of specimens?	YES, ALL..... 1 NO, USED FOR SOME, BUT NOT ALL TYPES OF SPECIMANS..... 2		
5203	Are there any written standard operating procedures or guidelines for practices in this laboratory?	YES.....1 NO .....2	→5301	
5204	Are there written standard operating procedures for any of the following practices? The procedures may be written separately, or may be compiled into guidelines that include multiple topics. FOR EACH STANDARD OPERATING PROCEDURE OR GUIDELINE THAT IS REPORTED AVAILABLE, ASK: May I see the written procedure or guideline?			
	<b>WRITTEN OPERATING PROCEDURE OR GUIDELINE</b>	<b>SEEN</b>	<b>REPORTED, NOT SEEN</b>	<b>NOT AVAILABLE</b>
01	Infection prevention in the laboratory that includes routine procedures for cleaning and disinfecting the work area	1	2	3

02	Management and disposal of contaminated or unsafe specimens or chemicals from the laboratory	1	2	3
03	Any procedure for reporting negative incidence during testing	1	2	3

**THANK YOUR RESPONDENT AND MOVE TO YOUR NEXT DATA COLLECTION POINT IF DIFFERENT FROM CURRENT LOCATION.**

**SECTION 5.3 LABORATORY EQUIPMENT AND TESTS**

**A. RAPID TESTS**

5301	I would like to know if the following diagnostic tests and associated equipment are <u>conducted in this facility</u>						
	TEST	YES		NO			
01	Rapid malaria test	1		2			
02	Rapid syphilis testing	1		2			
03	HIV rapid testing	1		2			
04	Urine rapid tests for pregnancy	1		2			
05	Urine protein dipstick (MAY BE PART OF MULTI-TEST DIPSTICK)	1		2			
06	Urine glucose dipstick (MAY BE PART OF MULTI-TEST DIPSTICK)	1		2			
07	Urine ketones dipstick (MAY BE PART OF MULTI-TEST DIPSTICK)	1		2			
08		1		2			
09	Any type of rapid haemoglobin or test for anaemia?	1		2			
10	Rapid hepatitis test for hepatitis B	1		2			
11	Rapid hepatitis test for hepatitis C						
5302	I would like to know if the following items for rapid diagnostic testing are available or not available today. CHECK TO SEE IF AT LEAST ONE OF EACH TEST IS VALID (NOT EXPIRED). IF NEVER AVAILABLE, MARK '4'.	(a)				(b)	
		OBSERVED AVAILABLE		NOT OBSERVED		STOCKOUT	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	PAST 3 MONTHS	
						YES	NO
01	Malaria rapid diagnostic kit	1→b	2→02	3→b	4→02	1	2
01a	Has there been a stockout of malaria RDT kits in the past 4 weeks?	YES .....1 NO .....2		→02			
01b	How many days of stockout?	LESS THAN 7 DAYS ..... 1 7-14 DAYS ..... 2 MORE THAN 14 DAYS ..... 3					
02	Syphilis rapid test kit	1→b	2→03	3→b	4→03	1	2

5302	I would like to know if the following items for rapid diagnostic testing are available or not available today. CHECK TO SEE IF AT LEAST ONE OF EACH TEST IS VALID (NOT EXPIRED). IF NEVER AVAILABLE, MARK '4'.	(a)				(b)	
		OBSERVED AVAILABLE		NOT OBSERVED		STOCKOUT	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	PAST 3 MONTHS	
				YES	NO		
03	HIV rapid test kit	1→b	2→04	3→b	4→04	1	2
04	Urine pregnancy test kit	1→b	2→05	3→b	4→05	1	2
05	Dipsticks for urine protein (MAY BE PART OF MULTI-TEST DIPSTICK)	1→b	2→06	3→b	4→06	1	2
06	Dipsticks for urine glucose (MAY BE PART OF MULTI-TEST DIPSTICK)	1→b	2→07	3→b	4→07	1	2
07	Dipsticks for urine ketone bodies (MAY BE PART OF MULTI-TEST DIPSTICK)	1→b	2→08	3→b	4→08	1	2
08	Filter paper for collecting Dried Blood Spot	1→b	2→09	3→b	4→09	1	2
09	Haemoglobin colour scale	1→b	2→10	3→b	4→10	1	2
10	Hepatitis rapid test for hepatitis B and C	1→b	2→11	3→b	4→11	1	2
11	Any reagent strips for blood chemistry analysis	1→b	2→5303	3→b	4→5303	1	2
5303	Does this facility test for anaemia using PCV? IF YES, ASK TO SEE THE CENTRIFUGE AND PIPETTES AND CLARIFY IF IT IS FUNCTIONAL OR NOT	YES, OBSERVED AND FUNCTIONAL..... 1 YES, REPORTED, NOT SEEN, FUNCTIONAL..... 2 YES, NOT FUNCTIONAL ..... 3 NO..... 4					
5304	Does this facility measure blood glucose using a glucometer? IF YES, ASK TO SEE THE GLUCOMETER AND GLUCOMETER TEST STRIPS WITH VALID EXPIRATION DATE.	YES, OBSERVED AND FUNCTIONAL..... 1 YES, REPORTED, NOT SEEN, FUNCTIONAL..... 2 YES, NOT FUNCTIONAL ..... 3 NO..... 4				→5306	→5306
5305	Do the glucometer test strips have a valid date of expiration?	YES, OBSERVED ..... 1 YES, REPORTED, NOT SEEN ..... 2 NONE AVAILABLE OR NONE VALID..... 3					
5306	Does this facility conduct the widal test for typhoid?	YES, OBSERVED, NOT EXPIRED..... 1 YES, REPORTED, NOT SEEN,					

5302	I would like to know if the following items for rapid diagnostic testing are available or not available today. CHECK TO SEE IF AT LEAST ONE OF EACH TEST IS VALID (NOT EXPIRED). IF NEVER AVAILABLE, MARK '4'.	(a)				(b)	
		OBSERVED AVAILABLE		NOT OBSERVED		STOCKOUT	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	PAST 3 MONTHS	
					YES	NO	
	IF YES, ASK TO SEE ALL ITEMS FOR THE WIDAL TEST AND VERIFY THEY HAVE A VALID EXPIRATION DATE	NOT EXPIRED.....2 YES, EXPIRED OR SUPPLIES NOT AVAILABLE.....3 NO.....4					
5307	Other than the rapid tests I just asked about, does this facility provide any other laboratory diagnostics either onsite or by sending the specimen offsite?	YES.....1 NO.....2				→5400	

**B. MULTIPURPOSE LABORATORY EQUIPMENT**

5311	I would like to know if the following equipment items are available and, if relevant, functional today in this facility.	AVAILABLE AND FUNCTIONAL	AVAILABLE NOT FUNCTIONAL	AVAILABLE DON'T KNOW IF FUNCTIONAL	NOT AVAILABLE
01	Light microscope	1	2	3	4
02	Glass slides	1			4
03	Cover slips for glass slides	1			4
09	Centrifuge for plasma and urine separation	1	2	3	4
10	Test tubes	1			4
12	Incubator (37 degrees C)	1	2	3	4
13	Agar plates for culture	1			4
14	Autoclave or dry heat sterilizer	1	2	3	4
15	Ice box and packs for transporting specimens	1	2	3	4
16	Vortex mixer	1	2	3	4
17	Rocker/shaker	1	2	3	4
18	Weighing Balance	1	2	3	4
08	Dry Blood Spot (DBS) collection for HIV viral load or EID				
5312	Does this facility have a laboratory scientist or other professional trained in microscopy?	YES.....1 NO.....2			→5321
5313	Does this facility have a laboratory staff who has been trained in reading malaria slides?	YES.....1 NO.....2			
5314	Does this facility have a laboratory staff who has been trained in reading TB sputum slides?	YES.....1 NO.....2			

### C. OTHER DIAGNOSTIC TESTS

Now I would like to know if the following tests are available either onsite at any location in this facility or if specimens are sent offsite for the test to be conducted. If the test is conducted onsite, I will ask you about the availability and functionality of the associated equipment and supplies.

5321	TEST AND ITEMS NECESSARY FOR CONDUCTING THE TEST	(A) TEST AVAILABLE			(B) ITEM FOR TEST			(C) FUNCTIONAL TODAY	
		YES, ONSITE	YES, SPECIMEN SENT FOR TESTING OFFSITE	NO, TEST NOT AVAILABLE	OBSERVED AVAILABLE	REPORTED AVAILABLE, NOT SEEN	NOT AVAILABLE TODAY	YES	NO
01	Any tests of white and red blood cells	1	2→02	3→02					
011	Haematology analyser				1→c	2→c	3→012	1	2
012	Full blood count with differential				1→c	2→c	3→013	1	2
013	Other tests for white or red blood cells	1	2→016	3→016					
014	White blood counting chamber				1→c	2→c	3→015	1	2
015	Stains for full blood count and differential				1	2	3		
016	Other tests for anemia	1	2→02	3→02					
017	Colorimeter or haemoglobinometer				1	2	3→018	1	2
018	HemoCue				1	2	3→02	1	2
02	Any other blood chemistry tests	1	2→025	3→025					
021	Blood chemistry analyser				1→c	2→c	3→025	1	2
022	Assay kit(s)- liver function test				1	2	3		
023	Assay kit(s)- renal function test				1	2	3		
24	Assay kit- serum electrolytes				1	2	3		
025	Any other tests for blood glucose	1	2→03	3→03					

5321	TEST AND ITEMS NECESSARY FOR CONDUCTING THE TEST	(A) TEST AVAILABLE			(B) ITEM FOR TEST			(C) FUNCTIONAL TODAY	
		YES, ONSITE	YES, SPECIMEN SENT FOR TESTING OFFSITE	NO, TEST NOT AVAILABLE	OBSERVED AVAILABLE	REPORTED AVAILABLE, NOT SEEN	NOT AVAILABLE TODAY	YES	NO
03	Any other blood tests for HIV	1	2→04	3→04					
031	HIV antibody testing by EIA/ELISA	1	2→035	3→035					
032	EIA/ELISA washer				1→c	2→c	3→033	1	2
033	EIA/ELISA reader				1→c	2→c	3→034	1	2
034	Assay kit- HIV antibody testing by EIA/ELISA				1	2	3		
035	Molecular biological technique for HIV viral load or HIV early-infant diagnosis (PCR)	1	2→036	3→04					
036	Molecular biological technique for HIV viral load or HIV early-infant diagnosis (PCR)				1	2	3		
04	CD4 count (absolute and percentage)	1	2→05	3→05					
041	CD4 counter				1→c	2→c	3→05	1	2
042	Specific assay kit- CD4 test				1	2	3		
05	Other non-treponemal blood tests for syphilis	1	2→06	3→06					
051	Assay kit- syphilis serology (RPR)				1	2	3		
052	VDRL test kit				1	2	3		
053	Treponemal specific tests (FTA-Abs)				1	2	3		
06	Any blood group and serology tests?	1	2→07	3→07					
061	ABO blood grouping testing	1	2	3					

5321	TEST AND ITEMS NECESSARY FOR CONDUCTING THE TEST	(A) TEST AVAILABLE			(B) ITEM FOR TEST			(C) FUNCTIONAL TODAY	
		YES, ONSITE	YES, SPECIMEN SENT FOR TESTING OFFSITE	NO, TEST NOT AVAILABLE	OBSERVED AVAILABLE	REPORTED AVAILABLE, NOT SEEN	NOT AVAILABLE TODAY	YES	NO
062	Rhesus blood grouping testing	1	2	3					
063	Cross-match testing by direct agglutination	1	2	3					
064	Cross-match testing by indirect anti-globulin testing or other test with equivalent sensitivity	1	2	3					
065	ABO and RH grouping sera				1	2	3		
07	Tuberculosis diagnostic testing	1	2→08	3→08					
071	Ziehl-Neelsen testing for TB (AFB)	1	2→075	3→075					
072	Fluorescence microscope (FM)				1→c	2→c	3→073	1	2
073	Ziehl-Neelsen stain				1	2	3		
074	Auramine Rhodamine stain for fluorescent microscopy				1	2	3		
075	Xpert MTB/RIF rapid diagnostic testing for TB	1	2→08	3→08					
076	GeneXpert 4 module unit with laptop				1→c	2→c	3→078	1	2
077	GeneXpert 4 test cartridge				1	2	3		
078	Test for TB drug resistance	1	2→08	3→08	1	2	3		
08	Hepatitis diagnoses?	1	2→09	3→09					
081	EIA kit for Hepatitis B				1	2	3		

5321	TEST AND ITEMS NECESSARY FOR CONDUCTING THE TEST	(A) TEST AVAILABLE			(B) ITEM FOR TEST			(C) FUNCTIONAL TODAY	
		YES, ONSITE	YES, SPECIMEN SENT FOR TESTING OFFSITE	NO, TEST NOT AVAILABLE	OBSERVED AVAILABLE	REPORTED AVAILABLE, NOT SEEN	NOT AVAILABLE TODAY	YES	NO
082	EIA kit for Hepatitis C				1	2	3		
09	Wet mount microscopy	1	2	3					
10	Urine microscopy	1	2	3					
11	Malaria smears	1	2→12	3→12					
111	Wright-Giemsa stain or other acceptable malaria parasite stain (e.g. Field Stain A and B)				1	2	3		
14	Gram stain testing	1	2→15	3→15					
141	Stains for gram stain testing				1	2	3		
15	Culture and sensitivity	1	2→16	3→16					
151	Media for antimicrobial sensitivity testing				1	2	3		
152	Observed register for sending specimen outside facility and receiving results for MDR C&S				1	2	3		
153	Drug sensitivity discs for MDR TB (INH and Rifampicin)				1	2	3		

D. LABORATORY QUALITY CONTROLS					
5331	Is there an established external quality assessment mechanism for any of the laboratory tests conducted? IF YES, ASK: Is this a routine system?	YES, ROUTINE ..... 1 YES, NOT ROUTINE BUT SOMETIMES ..... 2 NO ..... 3		→5341 →5341	
5332	Which of the following types of external quality assessment mechanisms are used in this laboratory, and how frequently?	AT LEAST WITHIN EVERY 3 MONTHS	MORE THAN 3MONTHLY, BUT ROUTINE	IRREGULAR, NO SCHEDULE	NOT USED
01	External supervisor observes laboratory staff work and rechecks results	1	2	3	4
02	Sample of specimens/slides sent outside for retesting	1	2	3	4
03	Proficiency panel	1	2	3	4
96	Other _____ (SPECIFY)	1	2	3	4
6334	For which of the following tests does this facility have a system for routine <u>external quality assessment checks</u> ?	YES	NO	NOT APPLICABLE	
01	HIV serology (e.g., ELISA)	1	2	5	
03	TB sputum test	1	2	5	
05	HIV rapid testing	1	2	5	
96	Other _____ (SPECIFY)	1	2	5	
E. SERVICE SITE CONDITIONS					
5341	INDICATE IF THE FOLLOWING WAS OBSERVED IN THE UNIT	YES	NO		
01	FLOOR: SWEEPED, NO OBVIOUS DIRT OR WASTE	1	2		
02	COUNTERS/TABLES/CHAIRS: WIPED CLEAN- NO OBVIOUS DUST OR WASTE	1	2		
03	NEEDLES, SHARPS OUTSIDE SHARPS BOX	1	2		
04	SHARPS BOX OVERFLOWING OR TORN/PIERCED	1	2		
05	BANDAGES/INFECTIOUS WASTE LYING UNCOVERED	1	2		
06	WERE ALL THE STAFF WEARING Lab coat IN THIS UNIT?	1	2		
07	WERE STAFF WEARING ID BADGES IN THIS UNIT?	1	2		
08	WERE NON-SMOKING SIGNS OBSERVED IN THIS UNIT?	1	2		

**SECTION 5.4 PHARMACEUTICAL COMMODITY MANAGEMENT AND AVAILABILITY**

**5400** Now I would like to assess the availability and management of pharmaceutical commodities. ASK TO SPEAK WITH THE PERSON MOST KNOWLEDGEABLE ABOUT AVAILABILITY AND MANAGEMENT OF PHARMACEUTICALS IN THE FACILITY. INTRODUCE YOURSELF, EXPLAIN:  
The in-charge has agreed that this facility can participate in this national survey of facilities with inpatient services that is being conducted by the Ministry of Health. I am interested in learning about the availability and management of pharmaceutical commodities in this facility.

Does this facility have a pharmacy or other main storage area for pharmaceutical commodities? By pharmaceutical commodity we are referring to drugs and other non-medicines that are managed as a part of the pharmaceutical management system.	YES ..... 1 NO ..... 2	→5401
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**A. PHARMACEUTICAL COMMODITY AVAILABILITY**

5401	Does this facility stock medicines, vaccines, or contraceptive commodities?	YES ..... 1 NO ..... 2	→5421
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I would like to know if the following medicines are available today in this facility. I would also like to observe the medicines that are available. If any of the medicines I mention is stored in another location in the facility, please tell me where in the facility it is stored so I can go there to verify. I will also be asking about stockouts for some specific medicines. *MEDS IN ITALIC ARE WHO ESSENTIAL OR LIFE-SAVING COMMODITIES*

CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)

	MEDICINES	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED			YES	NO
AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE				
5402	ANTI-INFECTIVE							
01	Albendazole or mebendazole tablet	1→b	2 02 ↙	3→b	4 02 ↙	5 02 ↙		
02	<i>Amoxicillin tablet/capsule (250mg)</i>	1→b	2 03 ↙	3→b	4 03 ↙	5 03 ↙		
03	<i>Amoxicillin suspension/or dispersible tablet (250 or 500 mg)</i>	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙	1	2

	MEDICINES	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED				
04	<i>Ampicillin powder for injection</i>	1→b	2 05 ↙	3→b	4 05 ↙	5 05 ↙		
06	Azithromycin tablet or suspension	1→b	2 07 ↙	3→b	4 07 ↙	5 03 ↙		
07	<i>Benzathine benzylpenicillin powder for injection</i>	1→b	2 08 ↙	3→b	4 08 ↙	5 08 ↙		
08	Cephalosporins cap/tab/parenteral (e.g., Cefixime cap/tab)	1	2 09 ↙	3→b	4 09 ↙	5 09 ↙		
09	<i>Ceftriaxone injection</i>	1→b	2 10 ↙	3→b	4 10 ↙	5 10 ↙	1	2
10	Ciprofloxacin cap/tab	1→b	2 10a ↙	3→b	4 11 ↙	5 11 ↙		
10a	Chloramphenicol	1→b	2 11 ↙	3→b	4 11 ↙	5 11 ↙		
12	Cotrimoxazole cap/tab	1→b	2 13 ↙	3→b	4 13 ↙	5 13 ↙		
13	Cotrimoxazole syrup or dispersible tablets	1→b	2 13a ↙	3→b	4 13a ↙	5 13a ↙		
13a	Erythromycin cap/tab or oral liquid	1→b	2 14 ↙	3→b	4 14 ↙	5 14 ↙		
14	Fluconazole or Flucytosine tab/cap	1→b	2 15 ↙	3→b	4 15 ↙	5 15 ↙		
16	<i>Gentamycin injection</i>	1→b	2 17 ↙	3→b	4 17 ↙	5 17 ↙	1	2
17	Metronidazole cap/tab/Suspension	1→b	2 18 ↙	3→b	4 18 ↙	5 18 ↙		
18	Metronidazole injection	1→b	2 19 ↙	3→b	4 19 ↙	5 19 ↙		
19	Procaine benzylpenicillin injection	1→b	2 20 ↙	3→b	4 20 ↙	5 20 ↙	1	2
21	Intravenous drug to treat fungal infections	1→b	2 22 ↙	3→b	4 22 ↙	5 22 ↙		
5403	RESPIRATORY							
01	<i>Beclomethasone inhaler</i>	1→b	2 01 ↙	3→b	4 01 ↙	5 01 ↙		
02	<i>Salbutamol inhaler</i>	1→b	2 02 ↙	3→b	4 01 ↙	5 01 ↙		

5404	CARDIO-VASCULAR							
01	Calcium channel blocker (e.g., Amlodipine tablet, Nifedipine)	1→b	2 02 ↙	3→b	4 02 ↙	5 02 ↙		
02	Beta blocker (e.g., Bisoprolol, metoprolol, carvedilol tablet)	1→b	2 03 ↙	3→b	4 03 ↙	5 03 ↙		
03	ACE inhibitor (e.g., Enalapril tablet)	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙		
04	Angiotensin II receptor blocker e.g Losartan	1→b	2 05 ↙	3→b	4 05 ↙	5 05 ↙		
05	Glyceryl trinitrate sublingual tablet	1→b	2 06 ↙	3→b	4 06 ↙	5 06 ↙		
06	Thiazide diuretic (e.g., hydrochlorothiazide or Bendrofluzide tablet)	1→b	2 07 ↙	3→b	4 07 ↙	5 07 ↙		
07	Isosorbide dinitrate tab/cap	1→b	2 08 ↙	3→b	4 08 ↙	5 08 ↙		
08	Statin (e.g., simvastatin tablet)	1→b	2 09 ↙	3→b	4 09 ↙	5 09 ↙		
5405	DIABETES							
01	Metformin tab/cap	1→b	2 02 ↙	3→b	4 02 ↙	5 02 ↙		
02	Glibenclamide tablet	1→b	2 03 ↙	3→b	4 03 ↙	5 03 ↙		
03	Insulin injection-regular	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙		
05	Gliclazide tablet or other sulfonylurea (e.g., glipizide)	1→b	2 06 ↙	3→b	4 06 ↙	5 06 ↙		
06	Glucose 50% injection	1→b	2 5406 ↙	3→b	4 5406 ↙	5 5406 ↙		
5406	OTHER/GENERAL FOR SYMPTOMS AND NON-COMMUNICABLE DISEASES							
01	Acetylsalicylic acid (Aspirin)	1→b	2 02 ↙	3→b	4 02 ↙	5 02 ↙		
03	Atropine injection	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙		
04	Betamethasone injection	1→b	2 05 ↙	3→b	4 05 ↙	5 05 ↙	1	2
05	Calcium gluconate injection	1→b	2 06 ↙	3→b	4 06 ↙	5 03 ↙		
07	Diazepam suppository	1→b	2 08 ↙	3→b	4 08 ↙	5 08 ↙		

08	Diazepam cap/tab	1	2 09 ↙	3→b	4 09 ↙	5 09 ↙		
09	<i>Diazepam injection</i>	1→b	2 10 ↙	3→b	4 10 ↙	5 10 ↙		
10	<i>Dexamethasone injection</i>	1→b	2 11 ↙	3→b	4 11 ↙	5 11 ↙	1	2
12	Ferrous Sulfate (iron) tab/cap	1→b	2 13 ↙	3→b	4 13 ↙	5 13 ↙		
13	Folic acid tab/cap	1→b	2 14 ↙	3→b	4 14 ↙	5 14 ↙		
14	Combined ferrous and folic tablets/capsule	1→b	2 15 ↙	3→b	4 15 ↙	5 15 ↙		
15	Furosemide tab/cap	1→b	2 16 ↙	3→b	4 16 ↙	5 16 ↙		
19	Hydralazine injection	1→b	2 20 ↙	3→b	4 20 ↙	5 20 ↙		
20	Hydrocortisone injection	1→b	2 21 ↙	3→b	4 21 ↙	5 21 ↙		
21	Hyoscine (butylbromide) injection/Tablet	1→b	2 22 ↙	3→b	4 22 ↙	5 22 ↙		
22	Ibuprofen tablet	1→b	2 23 ↙	3→b	4 23 ↙	5 23 ↙		
24	Loperamide tablet	1→b	2 25 ↙	3→b	4 25 ↙	5 25 ↙		
25	Methyldopa tablet	1→b	2 26 ↙	3→b	4 26 ↙	5 26 ↙		
26	Metoclopramide injection	1→b	2 27 ↙	3→b	4 27 ↙	5 27 ↙		
27	Morphine injection	1→b	2 28 ↙	3→b	4 28 ↙	5 28 ↙		
28	Morphine tablet or morphine solution	1→b	2 29 ↙	3→b	4 29 ↙	5 29 ↙		
	<i>Oral Rehydration Salts</i>							
30	<i>Oral Rehydration Salts ORS/Zn</i>	1→b	2 31 ↙	3→b	4 31 ↙	5 31 ↙	1	2
31	<i>Omeprazole tablet</i>	1→b	2 32 ↙	3→b	4 32 ↙	5 32 ↙		
32	Paracetamol tab/cap/injection	1→b	2 33 ↙	3→b	4 33 ↙	5 33 ↙		
33	Paracetamol syrup	1→b	2 34 ↙	3→b	4 34 ↙	5 34 ↙		

35	Prednisolone tablet	1→b	2 36 ↙	3→b	4 36 ↙	5 36 ↙		
39	Senna preparation (or other laxative)	1→b	2 40 ↙	3→b	4 40 ↙	5 40 ↙		
40	Spironolactone tab/cap	1→b	2 41 ↙	3→b	4 41 ↙	5 41 ↙		
43	Vitamin A (retinol) capsules	1→b	2 44 ↙	3→b	4 44 ↙	5 44 ↙		
45	<i>Zinc sulphate tablet</i>	1→b	2 46 ↙	3→b	4 46 ↙	5 46 ↙	1	2
46	<i>Zinc sulphate syrup or dispersible tablets</i>	1→b	2 5407 ↙	3→b	4 5407 ↙	5 5407 ↙	1	2
5407	MENTAL HEALTH/ NEUROLOGICAL							
01	Amitriptyline tablet	1→b	2 02 ↙	3→b	4 02 ↙	5 02 ↙		
02	<i>Carbamazepine tablet</i>	1→b	2 03 ↙	3→b	4 03 ↙	5 03 ↙		
03	Chlorpromazine injection	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙		
04	<i>Fluoxetine tablet</i>	1→b	2 05 ↙	3→b	4 05 ↙	5 05 ↙		
05	Fluphenazine injection	1→b	2 06 ↙	3→b	4 06 ↙	5 03 ↙		
06	Haloperidol injection	1→b	2 07 ↙	3→b	4 07 ↙	5 03 ↙		
07	<i>Haloperidol tablet</i>	1→b	2 08 ↙	3→b	4 08 ↙	5 08 ↙		
08	Levodopa+carbidopa tablet	1	2 09 ↙	3→b	4 09 ↙	5 09 ↙		
09	Lithium tablet	1→b	2 10 ↙	3→b	4 10 ↙	5 10 ↙		
10	Lorazepam tablet	1→b	2 11 ↙	3→b	4 11 ↙	5 11 ↙		
12	Phenobarbital tablet	1→b	2 13 ↙	3→b	4 13 ↙	5 13 ↙		
14	Phenytoin tablet	1→b	2 15 ↙	3→b	4 15 ↙	5 15 ↙		
15	Valproate sodium tablet	1→b	2 5408 ↙	3→b	4 5408 ↙	5 5408 ↙		
5408	MATERNAL/NEONATAL							

01	Tetanus toxoid vaccine (GO TO WHERE STORED IF NOT WITH CHILD IMMUNIZATIONS—CIRCLE '3' IF REPORTED PRESENT WITH CHILD IMMUNIZATIONS)	1→b	2 02	3→b	4 02	5 02		
02	Eye cream for newborn (erythromycin, tetracycline)	1→b	2 03	3→b	4 03	5 03		
04	Magnesium sulphate injection	1→b	2 05	3→b	4 05	5 05	1	2
05	Misoprostol tablet 200mcg	1→b	2 06	3→b	4 06	5 03	1	2
06	Nifedipine 10mg immediate release	1→b	2 07	3→b	4 07	5 03	1	2
	Labetalol	1→b	2 5409	3→b	4 5409	5 5409	1	2
	Hydralazine							
07	Oxytocin injection	1→b	2 5409	3→b	4 5409	5 5409	1	2
08	Is the oxytocin stored in cold storage? Next question missing				YES.....1 NO .....2			
08a	Is this oxytocin the type that is recommended to be kept cold?				YES.....1 NO .....2			
5409	IV FLUIDS							
01	0.9% Sodium chloride (normal saline) (0.9NS)	1→b	2 02	3→b	4 02	5 02	1	2
02	Dextrose 5% and normal saline (D5NS)	1→b	2 03	3→b	4 03	5 03	1	2
03	Sodium lactate (Ringers) (RL)	1→b	2 04	3→b	4 04	5 04	1	2
04	Dextrose 5% and water (D5W)	1→b	2 5410	3→b	4 5410	5 5410	1	2
5410	Does this facility stock any medicines for malaria treatment?				YES ..... 1 NO..... 2			→5412

5411	Are any of the following malaria medicines available in the facility today? CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED			YES	NO
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE		
01	Artemether + Lumefrantrine [e.g., Coartem, Lonart, ] (LA): 6 TABLET/PACK	1 → b	2 01b	3 → b	4 01b	5 02	1	2 → 02
01a	Has there been any stockout in the past 4 weeks?		YES ..... 1 NO ..... 2			→ 02		
01b	How many days of stock-out in the past 4 week		LESS STHAN 7 DAYS..... 1 7-14 DAYS ..... 2 MORE THAN 14 DAYS..... 3					
02	Artemether + Lumefrantrine (LA): 12 TABLET/PACK	1 → b	2 02b	3 → b	4 02b	5 03	1	2
02a	Has there been any stockout in the past 4 weeks?		YES ..... 1 NO ..... 2			→ 03		
02b	How many days of stock-out in the past 4 weeks?		LESS STHAN 7 DAYS..... 1 7-14 DAYS ..... 2 MORE THAN 14 DAYS..... 3					
03	Artemether + Lumefrantrine (LA): 18 TABLET/PACK	1 → b	2 03b	3 → b	4 03b	5 04	1	2
03a	Has there been any stockout in the past 4 weeks?		YES ..... 1 NO ..... 2			→ 04		
03b	How many days of stock-out in the past 4 weeks?		LESS STHAN 7 DAYS..... 1 7-14 DAYS ..... 2 MORE THAN 14 DAYS..... 3					
04	Artemether + Lumefrantrine (LA): 24 TABLET/PACK	1 → b	2 04b	3 → b	4 04b	5 05	1	2
04a	Has there been any stockout in the past 4 weeks?		YES ..... 1 NO ..... 2			→ 05		
04b	How many days of stock-out in the past 4 weeks?		LESS STHAN 7 DAYS ..... 1 7-14 DAYS ..... 2 MORE THAN 14 DAYS ..... 3					
05	Fansidar/SP (Sulfadoxine+pyrimethamine TABS	1 → b	2 06	3 → b	4 06	5 06	1	2
06	Quinine Tabs	1 → b	2 07	3 → b	4 07	5 07	1	2
07	Quinine Injection	1 → b	2 08	3 → b	4 08	5 08	1	2

5411	Are any of the following <u>malaria medicines</u> available in the facility today? CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED				
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
08	Artesunate Injection	1	2 09 ↙	3 → b	4 09 ↙	5 09 ↙	1	2
09	Artesunate suppositories/rectal	1	2 10 ↙	3 → b	4 10 ↙	5 10 ↙	1	2
10	Artesunate r-Amodiaquine (ASAQ) 25mg/67.5mg	1	2 11 ↙	3 → b	4 11 ↙	5 11 ↙	1	2
11	Artesunate r-Amodiaquine (ASAQ) 50mg/135mg	1	2 12 ↙	3 → b	4 12 ↙	5 12 ↙	1	2
12	Artesunate -Amodiaquine (ASAQ) 100mg/270mg	1	2 13 ↙	3 → b	4 13 ↙	5 13 ↙	1	2
13	Other antimalarial <hr/> (SPECIFY)	1	2 14 ↙	3 → b	4 14 ↙	5 14 ↙	1	2
14	Insecticide treated bed nets for patients and their families and households	1 → b	2 15 ↙	3 → b	4 15 ↙	5 15 ↙	1	2
15	Insecticide treated bed nets voucher for patients and their families and households	1 → b	2 5412 ↙	3 → b	4 5412 ↙	5 5412 ↙	1	2

5412	Does this facility stock any medicines for tuberculosis treatment?	YES ..... 1 NO ..... 2	→ 5415
5413	Where is the main storage area for tuberculosis medicines? ASSESS MAIN TB DRUG STORAGE AREA	TUBERCULOSIS SERVICE AREA ..... 1 MAIN FACILITY PHARMACY ..... 2 OTHER SITE ..... 3	→ 5415 → 5415

5414	Are any of the following <u>tuberculosis medicines</u> available in the facility today? CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED			OBSERVED	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
01	Ethambutol	1 → b	2 02 ↙	3 → b	4 02 ↙	5 02 ↙	1	2
02	Isoniazid	1 → b	2 03 ↙	3 → b	4 03 ↙	5 03 ↙	1	2

5414	Are any of the following <u>tuberculosis medicines</u> available in the facility today? CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED			OBSERVED	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
03	Pyrazinamide	1→b	2 04 ↙	3→b	4 04 ↙	5 04 ↙	1	2
04	Rifampicin	1→b	2 05 ↙	3→b	4 05 ↙	5 05 ↙	1	2
05	Isoniazid + Rifampicin (2FDC)	1→b	2 06 ↙	3→b	4 06 ↙	5 03 ↙	1	2
06	Isoniazid + Ethambutol (EH) (2FDC)	1→b	2 07 ↙	3→b	4 07 ↙	5 03 ↙	1	2
07	Isoniazid + Rifampicin + Pyrazinamide (RHZ) (3FDC)	1→b	2 08 ↙	3→b	4 08 ↙	5 08 ↙	1	2
08	Isoniazid + Rifampicin + Ethambutol (RHE) (3FDC)	1	2 09 ↙	3→b	4 09 ↙	5 09 ↙	1	2
09	Isoniazid + Rifampicin + Pyrazinamide + Ethambutol (4FDC)	1→b	2 10 ↙	3→b	4 10 ↙	5 10 ↙	1	2
10	Pediatric formulation for INH –as a single drug for IPT	1→b	2 11 ↙	3→b	4 11 ↙	5 11 ↙	1	2
11	Pediatric formulation for Rifampicin (may be in a combined formulation)	1→b	2 12 ↙	3→b	4 11 ↙	5 11 ↙	1	2
12	Pediatric formulation for Pyrazinamide (may be in a combined formulation)	1→b	2 13 ↙	3→b	4 11 ↙	5 11 ↙	1	2
13	Pediatric formulation for Ethambutol (may be in a combined formulation)	1→b	2 14 ↙	3→b	4 11 ↙	5 11 ↙	1	2
14	Streptomycin Injectable	1→b	2 15 ↙	3→b	4 11 ↙	5 11 ↙	1	2

5414	Are any of the following <u>tuberculosis medicines</u> available in the facility today? CHECK TO SEE IF AT LEAST ONE IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months? OBSERVED	
		OBSERVED		NOT OBSERVED			YES	NO
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE		
15	National 1 <sup>st</sup> line MDR treatment regimen [Kanamycin + Pyrazinamide + Cycloserine + Levofloxacin + Prothionamide]. ]	1→b	2 5415 ←	3→b	4 5415 ←	5 5415 ←	1	2

5451a	How long was it from the time you submitted your most recent order for any first line TB drugs from outside the facility, and when you received the drugs? ASK TO SEE RECORDS IF THE RESPONDENT IS UNCERTAIN	NUMBER OF DAYS FROM PLACING ORDER TO RECEIVING ORDER FOR BULK TB DRUGS	<input type="text"/> <input type="text"/> <input type="text"/>
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5415b	Does this facility stock any antiretroviral medicines for <u>PMTCT or the treatment of HIV/AIDS</u> ?	YES..... 1 NO ..... 2	→5419
5415c	Where is the main storage area for antiretroviral medicines? ASSESS IN MAIN ART DRUG STORAGE AREA	AIDS/ART SERVICE AREA ..... 1 MAIN FACILITY PHARMACY ..... 2 OTHER OUTPATIENT SITE ..... 3	

5416	Are any of the following ARVs available today in this facility? CHECK TO SEE IF AT LEAST ONE FROM THE REGIMEN IS VALID (NOT EXPIRED) <i>FIRST LINE DRUGS</i>	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months? OBSERVED	
		OBSERVED		NOT OBSERVED			YES	NO
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE		
01	Zidovudine (ZDV, AZT)	1→b	2 02 ←	3→b	4 02 ←	5 02 ←	1	2
02	Zidovudine (ATZ) susp	1→b	2 03 ←	3→b	4 03 ←	5 03 ←	1	2
03	Abacavir (ABC) 300mg/150mg	1→b	2 04 ←	3→b	4 04 ←	5 04 ←	1	2
04	Lamivudine (3TC) 150mg	1→b	2 05 ←	3→b	4 05 ←	5 05 ←	1	2

5416	Are any of the following ARVs available today in this facility? CHECK TO SEE IF AT LEAST ONE FROM THE REGIMEN IS VALID (NOT EXPIRED) <i>FIRST LINE DRUGS</i>	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months?	
		OBSERVED		NOT OBSERVED			OBSERVED	
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
05	<i>Tenofovir Disoproxil Fumarate (TDF) 300mg</i>	1 → b	2 ← 06	3 → b	4 ← 06	5 ← 03	1	2
06	<i>Nevirapine (NVP)</i>	1 → b	2 ← 07	3 → b	4 ← 07	5 ← 03	1	2
07	<i>Nevirapine (NVP) suspension</i>	1 → b	2 ← 08	3 → b	4 ← 08	5 ← 08	1	2
08	<i>Efavirenz (EFV)</i>	1	2 ← 09	3 → b	4 ← 09	5 ← 09	1	2
09	<b>Emtricitabine (FTC) 200mg</b>	1 → b	2 ← 10	3 → b	4 ← 10	5 ← 10	1	2
10	<b>Pre-exposure prophylaxis (PrEP) Tenofovir/Lamivudine</b>	1 → b	2 ← 11	3 → b	4 ← 11	5 ← 11	1	2
11	<i>Zidovudine + Lamivudine (AZT + 3TC)</i>	1 → b	2 ← 12	3 → b	4 ← 12	5 ← 12	1	2
12	<i>Zidovudine + Lamivudine + Abacavir (AZT + 3TC + ABC)</i>	1 → b	2 ← 13	3 → b	4 ← 13	5 ← 13	1	2
13	<i>Zidovudine + Lamivudine + Nevirapine (AZT + 3TC + NVP)</i>	1 → b	2 ← 14	3 → b	4 ← 14	5 ← 14	1	2
14	<i>Tenofovir + Emtricitabine (TDF + FTC)</i>	1 → b	2 ← 15	3 → b	4 ← 15	5 ← 15	1	2
15	<i>Tenofovir + Lamivudine (TDF + 3TC)</i>	1 → b	2 ← 16	3 → b	4 ← 16	5 ← 16	1	2
16	<i>Tenofovir/Lamivudine/Efavirenze (TDF/3TC/EFV) 300/300/400 mg - 30 tablets pack</i>	1 → b	2 ← 17	3 → b	4 ← 17	5 ← 17	1	2
17	<i>Tenofovir + Emtricitabine + Efavirenz (TDF + FTC + EFV)</i>	1 → b	2 ← 18	3 → b	4 ← 18	5 ← 18	1	2
18	<i>Dolutegravir (DTG) 50mg</i>	1 → b	2 ← 19	3 → b	4 ← 19	5 ← 19	1	2
19	<i>Tenofovir/Emtricitabine (TDF/3TC) 300/300mg</i>	1 → b	2 ← 20	3 → b	4 ← 20	5 ← 20	1	2

5416	Are any of the following ARVs available today in this facility? CHECK TO SEE IF AT LEAST ONE FROM THE REGIMEN IS VALID (NOT EXPIRED) <i>FIRST LINE DRUGS</i>	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months? OBSERVED	
		OBSERVED		NOT OBSERVED			YES	NO
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE		
20	<i>Tenofovir/Lamivudine/Dolutegravir (TDF/3TC/DTG) 300mg/300mg/50mg - 90 tablets pack</i>	1 → b	2 21 ← ]	3 → b	4 21 ← ]	5 21 ← ]	1	2
21	<i>Abacavir/Lamivudine (ABC/3TC) 120/60mg - 30 tab pack</i>	1 → b	2 22 ← ]	3 → b	4 22 ← ]	5 22 ← ]	1	2
22	<i>Efavirenz (EFV) 200mg Scored - 30 tablets pack/400mg</i>	1 → b	2 23 ← ]	3 → b	4 23 ← ]	5 23 ← ]	1	2
23	<i>Abacavir/Emtricitabine (ABC/3TC) 600/300mg</i>	1 → b	2 24 ← ]	3 → b	4 24 ← ]	5 24 ← ]	1	2

5417	Does this facility stock any protease inhibitors for the treatment of HIV/AIDS?	YES ..... 1 NO ..... 2	→ 5419
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5418	Are any of the follow protease inhibitors available today in this facility?	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 months? OBSERVED	
		OBSERVED			NOT OBSERVED			
		AT LEAST ONE VALID	AVAILABLE EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE		
01	Lopinavir /ritonavir (LPV/r) 200mg/50mg	1→b	2 02	3→b	4 02	5 02	1	2
02	Lopinavir /ritonavir (LPV/r) 400mg/50mg	1→b	2 03	3→b	4 03	5 03	1	2
03	Atazanavir/ritonavir (ATV/r) 300mg/50mg	1→b	2 04	3→b	4 04	5 04	1	2
04	Atazanavir/ritonavir (ATV/r) 100mg/25mg	1→b	2 05	3→b	4 05	5 05	1	2
05	Ritonavir (RTV) 50mg	1→b	2 06	3→b	4 06	5 06	1	2
06	Raltegravir (RA) 25mg	1→b	2 07	3→b	4 07	5 07	1	2
07	Darunavir/ritonavir (DRV/r)	1→b	2 08	3→b	4 08	5 08	1	2

5418	Does this facility stock any family planning commodities or contraceptives?	YES ..... 1 NO ..... 2	→5421
5419	Where is the main storage area for contraceptive commodities? GO TO THE MAIN STORAGE TO ASSESS AVAILABILITY OF COMMODITIES	FAMILY PLANNING SERVICE AREA ..... 1 MAIN FACILITY PHARMACY..... 2 OTHER OUTPATIENT SITE..... 2	→5421

5420	CHECK TO SEE IF AT LEAST ONE OF EACH MEDICINE/COMMODITY IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 month	
		OBSERVED			NOT OBSERVED			
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
01	Combined estrogen progesterone oral contraceptive pills	1→b	2 02	3→b	4 02	5 02	1	2
02	Progestin-only contraceptive pills	1→b	2 03	3→b	4 03	5 03	1	2
03	Combined estrogen progesterone injectable contraceptives	1→b	2 04	3→b	4 04	5 04	1	2

5420	CHECK TO SEE IF AT LEAST ONE OF EACH MEDICINE/COMMODITY IS VALID (NOT EXPIRED)	(a)					(b)	
		AVAILABILITY					Any stockout in the last 3 month	
		OBSERVED		NOT OBSERVED				
		AT LEAST ONE NOT EXPIRED	AVAILABLE BUT EXPIRED	REPORTED AVAILABLE BUT NOT SEEN	NOT AVAILABLE TODAY	NEVER AVAILABLE	YES	NO
04	Progestin-only injectable contraceptives	1→b	2 05	3→b	4 05	5 05	1	2
05	Male condoms	1→b	2 06	3→b	4 06	5 06	1	2
06	Female condoms	1→b	2 07	3→b	4 07	5 07	1	2
07	Implant (e.g., levonorgestrel, Etonogestrel) e.g., jadelle or implanon	1→b	2 08	3→b	4 08	5 08	1	2
08	Emergency contraceptive (e.g., Levonorgestrel, Ulipistal acetate, mifepristone tablet)	1→b	2 09	3→b	4 09	5 09	1	2
09	Intrauterine contraceptive device (IUCD)	1→b	2 5421	3→b	4 5421	5 5421	1	2

5421	OTHER CONSUMABLE COMMODITIES							
01	Suture material absorbable	1→b	2 02 ←	3→b	4 02 ←	5 02 ←		
02	Needles for suturing	1→b	2 03 ←	3→b	4 03 ←	5 03 ←		
03	Non-absorbable suture material	1→b	2 04 ←	3→b	4 04 ←	5 04 ←		
04	Intravenous infusion set	1→b	2 05 ←	3→b	4 05 ←	5 05 ←		
05	Blood giving set	1→b	2 06 ←	3→b	4 06 ←	5 03 ←		
06	Intravenous cannula	1→b	2 07 ←	3→b	4 07 ←	5 03 ←		
07	Intravenous needle for children	1→b	2 08 ←	3→b	4 08 ←	5 08 ←		
08	Skin disinfectant	1	2 09 ←	3→b	4 09 ←	5 09 ←		
09	Gowns	1→b	2 10 ←	3→b	4 10 ←	5 10 ←		
10	Eye protection (goggles, face shields)	1→b	2 11 ←	3→b	4 11 ←	5 11 ←		
11	Medical (surgical or procedural) masks	1→b	2 12 ←	3→b	4 12 ←	5 12 ←		
13	Materials for splinting extremities	1→b	2 14 ←	3→b	4 14 ←	5 14 ←		
14	Material for casts	1→b	2 15 ←	3→b	4 15 ←	5 15 ←		
15	Disposable latex gloves	1→b	2 16 ←	3→b	4 15 ←	5 15 ←		
15	Male condoms for non-family planning services IF THE SAME SUPPLY IS USED FOR FP AND NON-FP MARK AVAILABILITY THE SAME AS FOR FP	1→b	2 5500 ←	3→b	4 5500 ←	5 5500 ←		

**SECTION 5.5 PHARMACEUTICAL STORAGE CONDITIONS**

5500	OBSERVE THE PRIMARY PHARMACY FOR INPATIENT MEDICINES AND INDICATE THE PRESENCE (OR ABSENCE) OF EACH OF THE FOLLOWING CONDITIONS		
		YES	NO
01	Are the medicines off the floor (on shelf or Pallet)?	1	2

02	Are the medicines at risk of water damage from leaks or other sources?	1	2	
03	Are the medicines protected from direct sunlight?	1	2	
04	Is the room clean of evidence of rodents (bats, rats) or pests (roaches, etc.)	1	2	
05	Airflow sufficient to reduce risk of mold and mildew	1	2	
06	Does the storage area have a functional air conditioner?	1	2	
5501	Is there a thermometer for the room? IF YES, ASK: May I see the thermometer? CHECK TO SEE IF THE THERMOMETER IS FUNCTIONING.	YES, FUNCTIONING ..... 1 YES, NOT FUNCTIONAL ..... 2 NO ..... 3		→ 5504 → 5504
5502	CHECK THE THERMOMETER FOR THE REFRIGERATOR AND RECORD THE TEMPERATURE AT THE TIME OF THE SURVEY	TEMPERATURE CENTIGRADE <input type="text"/> <input type="text"/> NO FUNCTIONAL THERMOMETER ..... 98		→ 5504
5503	Is there a record of monitoring the room temperature over the past 30 days?  IF YES, ASK TO SEE THE RECORD.	YES, SEEN TEMPERATURE RECORDED DAILY ..... 1 TEMPERATURE RECORDED AT LEAST WEEKLY ..... 2 TEMPERATURE RECORDED LESS THAN WEEKLY ..... 3 YES, REPORTED, NOT SEEN ..... 4 NO ..... 5		

5504	<b>LOOK AT THE STORAGE AREA AND VERIFY ITEM WITH RESPONDENT</b>	YES	NO	
01	Can the main pharmaceutical storage area(s) be locked?	1	2	
02	Is there limited access to the main pharmaceutical storage areas?	1	2	
03	OBSERVE IF ALL DOORS THAT SEPARATE THE PHARMACEUTICAL STORAGE AREA FROM NON-PHARMACEUTICAL STORAGE AREAS ARE SOLID	1	2	
04	OBSERVE IF WINDOWS HAVE BARS OR SHUTTERS OR OTHER MEANS FOR SECURITY	1	2	
5505	Does this facility have a system for reporting on adverse drug reactions?	YES ..... 1 NO ..... 2		→ END

5506	Does this facility have a copy of the National Pharmacovigilance Guidelines or other job aids related to pharmacovigilance	YES, SEEN GUIDELINES .....1 OBSERVED JOB AIDS.....2 NO .....3	
5507	Does this facility record adverse Drug Reactions in AEFI/ ADR Register? IF YES, ASK TO SEE THE RECORD	YES, OBSERVED, AT LEAST ONE ENTRY .....1 YES, OBSERVED, NO ENTRIES .....2 YES, REPORTED, NOT SEEN .....3 NO .....4	



	RESPONDENT(S)	NAME(S) DESIGNATION(S)	AND	CELL PHONE CONTACT	
	SECTION 5.1				
	SECTION 5.2				
	SECTION 5.3				
	SECTION 5.4				
	SECTION 5.5				

**SECTION 5.6: INTERVIEWER OBSERATIONS**

5601	INTERVIEW END TIME (use the 24 hour-clock system)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
5602	RESULT CODES (LAST VISIT):	COMPLETED..... 1 RESPONDENT NOT AVAILABLE ... 2 REFUSED ..... 3 PARTIALLY COMPLETED ..... 4 OTHER _____ (SPECIFY) ..... 96	

**5603 COMMENTS ABOUT THE RESPONDENT:**

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**5604 COMMENTS ON SPECIFIC QUESTIONS:**

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**5605 ANY OTHER COMMENTS:**

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**5606 SUPERVISOR'S OBSERVATIONS:**

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**NAME OF SUPERVISOR:** \_\_\_\_\_

**DATE:** \_\_\_\_\_