

MODULE 3: ESSENTIAL DRUGS, EQUIPMENT & SUPPLIES

Interviewer Name _____ **Date (d/m/y):** ___ / ___ / ___

INSTRUCTIONS:

This Module includes five sections to be completed from the staff members in the facility. You should separate the sections and ask for assistance for:

- *Section A from the Pharmacist*
- *Section B from the Ward Sister / In Charge Nursing Officer of the Maternity ward*
- *Section C from the Ward Sister / In Charge Nursing Officer of the NICU/SCBU*
- *Section D from the Ward Sister / In Charge Nursing Officer of the Operating Theatre*
- *Section E from the Head / in charge Laboratory Technician*

If the person indicated above is not available, seek someone else who can help you answer the questions for each section.

Comments

MODULE 3
SECTION A. PHARMACY

INSTRUCTIONS: Direct these questions to the pharmacist in the institution.

Most of the questions should be answered by circling 1 for ‘yes’, or 0 for ‘no’. Some questions have several pre-coded answers (see question 3 below as an example). In these cases, please circle the number next to the correct answer. If none of the pre-coded answers is correct, specify the correct answer in the space provided by the category “other” and circle the number next to “other.”

A1. General

No.	Item	Response	Remarks
1	Does this facility have an indoor pharmacy/drugstore?	Yes 1 No 0	If ‘No’ skip to section B
2	Is it accessible 24/7	Yes 1 No 0	
3	What are the sources of medicine supply for this health facility?	Central government..... 1 Provincial government 2 NGO / Donors 3 Local purchase..... 4 On special programme..... 5 Family Health Bureau 6 Other (specify)..... 7 _____	
4	During the past 6 months what percentage was supplied by each of the above?	1 2 3 4 5 6 7.....	
5	Is there a drug inventory?	Yes 1 No 0	If ‘NO’, skip to 8
6	Is the drug inventory up-to-date (updated within the last week)?	Yes 1 No 0	If ‘NO’, skip to 8

No.	Item	Response	Remarks																		
7	When was the drug inventory last updated?	Last week 1 Last month 2 Last quarter																			
8	When are drugs ordered to the institution?	Order same time each quarter /annual 1 Order whenever stocks reach "re-order level" 2 Re-order when we run out 3 Never order drugs, shipments come/kits arrive 4 Other (specify)..... 5 _____																			
9	What is the re-order levels for following drugs	Oxytocin MgSO4 Hydralazine Nifedipine Plasma expanders																			
10	Do you have a buffer stock at <u>pharmacy</u> for these drugs	<table border="0"> <thead> <tr> <th></th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Oxytocin</td> <td>1</td> <td>0</td> </tr> <tr> <td>MgSO4</td> <td>1</td> <td>0</td> </tr> <tr> <td>Hydralazine</td> <td>1</td> <td>0</td> </tr> <tr> <td>Nifedipine</td> <td>1</td> <td>0</td> </tr> <tr> <td>Plasma expanders</td> <td>1</td> <td>0</td> </tr> </tbody> </table>		Yes	No	Oxytocin	1	0	MgSO4	1	0	Hydralazine	1	0	Nifedipine	1	0	Plasma expanders	1	0	
	Yes	No																			
Oxytocin	1	0																			
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Nifedipine	1	0																			
Plasma expanders	1	0																			
11	Anytime during the past six months did you have a shortage of essential EmONC drugs at your institution?	Yes 1 No 0	If 'No' skip to 14																		
12	What was the reason for the above shortage?	Under estimation of the drug requirement 1 Full requirement not being supplied 2 Usage more than requested..... 3 Other (specify)..... 4 _____																			

No.	Item	Response	Remarks
13	What is the most common cause of delay in the delivery of supplies?	Non availability of essential drugs needed for EmONC at MSD 1 Non availability of essential drugs needed for EmONC at RMSD 2 Approved drugs not made available during the year 3 Total required drugs not approved 4 Other (specify) 5 _____	
14	Do they have a qualified pharmacist 24 hours a day?	Yes 1 No 0	
15	Is there a 'First-expiry-First-out' system for issuing drugs? (mark after observing the register)	Yes 1 No 0	
16	Does the drug distribution register have columns for: Date of manufacture & date of expiry (mark after observing the register)	Yes 1 No 0	
17	Are the drugs arranged according to 'First in First out' basis (mark after observing the drug store)	Yes 1 No 0	
18	Have you had to discard/return any drugs that were out dated anytime during the past 6 months?	Yes 1 No 0	If 'NO', skip to 22
19	What was the reason for the above	
20	If so what were the drugs?	
21	Was there an attempt to send this back to the MSD / RMSD / neighbouring hospital prior to discarding?	Yes 1 No 0	
22a	Is there a mechanism to ensure that expired drugs are not distributed to the wards?	Yes 1 No 0	If 'NO', skip to 25

No.	Item	Response	Remarks
22b	What is the mechanism?	
23	Observe and mark whether the mechanism is in place or only verbal	Functional mechanism 1 No functional mechanism.....2	
24	Are drugs protected from moisture, heat or infestation (e.g., placed on shelves or slats, ventilated, fungus on the wall) (Mark after observing the pharmacy)	Yes 1 No 0	
25	Are drugs that require refrigeration stored in a <u>functioning</u> refrigerator? (Observe and complete)	Yes 1 No 0	
26	Does this facility have at least one functioning refrigerator?	Yes 1 No 0	If 'NO', skip to 29
27	Does this facility have periods that the refrigerator was not functioning either due to loss of power or due technical faults over the past 6 months?	Yes 1 No 0	If 'No' skip to 29
28	If so does it have an alternate power supply?	Yes 1 No 0	
29	Have you had any complaints during the past six months, from the consultants or wards on the quality of the drugs / supplies issued by you?	Yes 1 No 0	If 'NO', skip to 31
30	If so what were the drugs / supplies?	
31	Were drugs / supplies withdrawn at any time during the past six months due to poor quality?	Yes 1 No 0	
32	If so what are those drugs?	

A2. ESSENTIAL DRUGS

No.	Drugs	Available	
		Yes	No
33	Antibiotics: Does this facility have antibiotics? <i>If No → skip to Anticonvulsants (item 34)</i>		
33.1	Amoxicillin	1	0
33.2	Ampicillin	1	0
33.3	Benzyl Penicillin	1	0
33.4	Cefalexin	1	0
33.5	Cefotaxime	1	0
33.6	Ceftriaxone	1	0
33.7	Cefuroxime	1	0
33.8	Cloxacillin	1	0
33.9	Phenoxymethyl penicillin	1	0
33.10	Erythromycin	1	0
33.11	Gentamicin	1	0
33.12	Metronidazole	1	0
34	Anticonvulsants: Does this facility have anticonvulsants? <i>If No → skip to Anti hypertensive's (item 35)</i>		
34.1	Magnesium sulphate (injection)	1	0
34.2	Diazepam (injection)	1	0
34.3	Phenobarbital	1	0
34.4	Phenytoin	1	0
35	Antihypertensive: Does this facility have antihypertensives? <i>If No → skip to Oxytocics (item 36)</i>		
35.1	Hydralazine	1	0
35.2	Labetalol	1	0
35.3	Methyldopa	1	0
35.4	Nifedipine	1	0
36	Oxytocics & Prostaglandins: Does this facility have oxytocics or prostaglandins? <i>If No → skip to Drugs used in Emergencies (item 37)</i>		
36.1	Ergometrine	1	0
36.2	Oxytocin	1	0
36.3	Oxytocin + Ergometrine	1	0

No.	Drugs	Available	
		Yes	No
37	Drugs used in Emergencies: Does this facility have drugs used in emergencies? <i>If No → skip to Analgesics (item 38)</i>		
37.1	Adrenaline (Epinephrine)	1	0
37.2	Atropine sulphate	1	0
37.3	Calcium gluconate	1	0
37.4	Digoxin	1	0
37.5	Ephedrine	1	0
37.6	Frusemide	1	0
37.7	Hydrocortisone	1	0
37.8	Naloxone	1	0
37.9	Promethazine	1	0
38	Analgesics: Does this facility have analgesics? <i>If No → skip to Tocolytics (item 39)</i>		
38.1	Morphine	1	0
38.2	Pethidine	1	0
39	Tocolytics: Does this facility have Tocolytics? <i>If No → skip to Sterioids (item 40)</i>		
39.1	Nifedipine	1	0
39.2	Salbutamol	1	0
40	Sterioids: Does this facility have sterioids? <i>If No → skip to IV Fluids (item 41)</i>		
40.1	Betamethasone	1	0
40.2	Dexamethasone	1	0
40.3	Prednisolone	1	0
41	IV Fluids: Does this facility have IV fluids? <i>If No → skip to Antimalarials (item 42)</i>		
41.1	Dextrose	1	0
41.2	Normal saline	1	0
41.3	Ringer's lactate	1	0
41.4	Starch	1	0
42	Antimalarials: Does this facility have antimalarials? <i>If No → skip to Antiretrovirals (item 43)</i>		
42.1	Chloroquine	1	0
42.2	Quinine Dihydrochloride	1	0

No.	Drugs	Available	
		Yes	No
43	Antiretrovirals: Does this facility have any antiretrovirals? <i>If No → skip to Contraceptives (item 44)</i>		
43.1	Nevirapine	1	0
43.2	Lamivudine	1	0
43.3	Zidovudine	1	0
43.4	Efavirenz	1	0
44	Contraceptives: Does this facility have any contraceptives? <i>If No → skip to Other Drugs (item 45)</i>		
44.1	Pills	1	0
44.2	Condoms	1	0
44.3	DMPA	1	0
44.4	IUD	1	0
44.5	Implants	1	0
44.6	Emergency pills	1	0
45	Other drugs		
45.1	Vitamin K	1	0
45.2	Heparin	1	0
45.3	Sodium citrate	1	0
45.4	Anti Rho (D) Immune Globulin / Rhoghum	1	0
45.5	Insulin – soluble	1	0
45.6	Vitamin A mega dose	1	0
45.7	Ranitidine	1	0

A3. STOCK OUTS

No.	Item	Response	Remarks
46	Have you had a stock out of Oxytocin (syntocinon) (injection) in the last 12 months?	Yes.....1 No.....0 Facility has never had this drug9	If 0 or 9, skip to 48
47	When was the most recent stock out of Oxytocin (syntocinon) ? <i>(circle one response)</i>	Currently out of stock.....1 Within last month.....2 Within 3 months.....3 Within 6 months4 Within 12 months.....5	

No.	Item	Response	Remarks
48	Have you had a stock out of magnesium sulphate (injection) in the last 12 months?	Yes..... 1 No..... 0 Facility has never had this drug 9	If 0 or 9, skip to 50
49	When was the most recent stock out of magnesium sulphate (injection)? <i>(circle one response)</i>	Currently out of stock 1 Within last month 2 Within 3 months 3 Within 6 months 4 Within 12 months 5	
50	Have you had a stock out of Ergometrin (injection) in the last 12 months?	Yes..... 1 No..... 0 Facility has never had this drug 9	If 0 or 9, skip to 52
51	When was the most recent stock out of Ergometrin ? <i>(circle one response)</i>	Currently out of stock 1 Within last month 2 Within 3 months 3 Within 6 months 4 Within 12 months 5	
52	Have you had a stock out of iron folate in the last 12 months?	Yes..... 1 No..... 0 Facility has never had this drug 9	
53	When was the most recent stock out of iron folate ? <i>(circle one response)</i>	Currently out of stock 1 Within last month 2 Within 3 months 3 Within 6 months 4 Within 12 months 5	

Comments