

MODULE 5: EmOC SIGNAL FUNCTIONS and OTHER ESSENTIAL SERVICES

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

Instructions: Answer the following questions regarding the EmOC Signal Functions by interviewing health workers in the maternity ward and other departments, reviewing facility registers, and through observation. Record whether the function has been performed in the past 3 months, if not, why it has not been performed,* and whether it was performed in the last 12 months. Remember that “parenteral” means by injection, either intramuscular or intravenous.

Signal Function 1: Parenteral Antibiotics

No.	Item	Responses		Skip to
1	Have antibiotics been administered parenterally in the last 3 months?	Yes..... 1 No 0		If “Yes”, skip to 4
2	If parenteral antibiotics were NOT administered in the last 3 months, why? <i>(circle 1 for all spontaneous answers; otherwise circle 0)</i>	Spontaneously mentioned	Not mentioned	
	a. availability of human resources	1	0	
	b. training issues	1	0	
	c. supplies/equipment/drugs	1	0	
	d. management issues	1	0	
	e. policy issues	1	0	
	f. no indication	1	0	
	g. other (<i>specify</i>) _____	1	0	
3	If parenteral antibiotics were NOT administered in the last 3 months, were they administered in the last 12 months?	Yes..... 1 No 0		

* We have found that the following categories are very useful and cover most of the likely answers.

- a. Availability of necessary human resources (health workers)
 - 1. Required health workers are not posted to this facility in adequate numbers (or at all)
- b. Training issues
 - 1. Authorized cadre is available, but not trained
 - 2. Providers lack confidence in their skills
- c. Issues with supplies/equipment/drugs
 - 1. Supplies/equipment are not available, not functional, or broken
 - 2. Needed drugs are unavailable
- d. Management Issues
 - 1. Providers desire compensation to perform this function
 - 2. Providers are encouraged to perform alternative procedures
 - 3. Providers uncomfortable or unwilling to perform procedure for reasons unrelated to training
 - 4. Lack of supervision
- e. Policy issues
 - 1. National or facility policies do not allow function to be performed
- f. No Indication - no client needing this procedure came to the facility during this time period

Signal Function 2: Administer Uterotonic Drugs

No.	Item	Responses		Skip to
4	Have oxytocics been administered parenterally in the last 3 months?	Yes..... 1 No 0		If "No", skip to 6
5	If parenteral oxytocics were administered in the last 3 months, which type of oxytocic was used? <i>(circle one)</i>	Oxytocin (cyntocin) 1 Ergometrine..... 2 Both..... 3 Other (<i>specify</i>)..... 4 _____		All responses to this item skip to 9
6	If parenteral oxytocics were NOT administered in the last 3 months, why? <i>(circle 1 for all spontaneous answer, otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) _____	Spontaneously mentioned 1 1 1 1 1 1 1	Not mentioned 0 0 0 0 0 0 0	
7	If parenteral oxytocics were NOT administered in the last 3 months, were they administered in the last 12 months?	Yes..... 1 No 0		If "No", skip to 9
8	If parenteral oxytocics were administered in last 12 months, which type of oxytocic was used? <i>(circle one)</i>	Oxytocin (cyntocin) 1 Ergometrine..... 2 Both..... 3 Other (<i>specify</i>)..... 4 _____		
9	Is misoprostol used in this facility for obstetric indications?	Yes..... 1 No 0		

Signal Function 3: Parenteral Anticonvulsants

No.	Item	Responses		Skip to
10	Have anticonvulsants been administered parenterally in the last 3 months?	Yes..... 1 No 0		If "No", skip to 12
11	If parenteral anticonvulsants were administered in the last 3 months, which type of anticonvulsant was used? <i>(circle one)</i>	Magnesium sulfate 1 Diazepam 2 Both..... 3 Other (<i>specify</i>)..... 4 _____		All responses to this item skip to 15
12	If parenteral anticonvulsants were NOT administered in the last 3 months, why? <i>(circle 1 for all spontaneous answers; otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) _____	Spontaneously mentioned 1 1 1 1 1 1 1	Not mentioned 0 0 0 0 0 0 0	
13	If parenteral anticonvulsants were NOT administered in the last 3 months, were they administered in the last 12 months?	Yes..... 1 No 0		If "No", skip to 15
14	If parenteral anticonvulsants were administered in last 12 months, which type of medication was used? <i>(circle one)</i>	Magnesium sulfate 1 Diazepam 2 Both..... 3 Other (<i>specify</i>)..... 4 _____		

Signal Function 4: Manual Removal of Placenta

No.	Item	Responses		Skip to
15	Has manual removal of placenta been performed in the last 3 months?	Yes..... 1	No 0	If "Yes", skip to 18
16	If manual removal of placenta was NOT performed in the last 3 months, why? <i>(circle 1 for all spontaneous answers; otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) _____	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
17	If manual removal of placenta was NOT performed in the last 3 months, has it been performed in the last 12 months?	Yes..... 1	No 0	

Signal Function 5: Removal of Retained Products

No.	Item	Responses		Skip to
18	Has removal of retained products been performed in the last 3 months?	Yes..... 1	No..... 0	If "No", skip to 20
19	If removal of retained products was performed in last 3 months, which method was used? <i>(read options)</i> a) Manual vacuum aspiration b) Dilatation and curettage (D&C) c) Dilatation and evacuation (D&E) d) Misoprostol	Yes	No	All responses to this item skip to 23
		1	0	
		1	0	
		1	0	
		1	0	

No.	Item	Responses		Skip to
20	If removal of retained products was NOT performed in the last 3 months, why? <i>(circle 1 for all spontaneous answers; otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (specify) _____	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
21	If removal of retained products was NOT performed in the last 3 months, has it been performed in the last 12 months?	Yes.....1 No.....0		If "No", skip to 23
22	If removal of retained products was performed in last 3 months, which method was used? <i>(read options)</i> a) Manual vacuum aspiration b) Dilatation and curettage (D&C) c) Dilatation and evacuation (D&E) d) Misoprostol	Yes 1 1 1 1	No 0 0 0 0	

Signal Function 6: Assisted Vaginal Delivery

No.	Item	Responses		Skip to
23	Has assisted vaginal delivery (vacuum or forceps) been performed in the last 3 months?	Yes.....1 No0		If "No", skip to 25
24	If assisted vaginal delivery was performed in last 3 months, what instrument was used? <i>(circle one)</i>	Vacuum extractor.....1 Forceps.....2 Both.....3		All responses to this item skip to 28

No.	Item	Responses		Skip to
25	<p>If assisted vaginal delivery (vacuum or forceps) was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other <i>(specify)</i></p> <p>_____</p>	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
26	<p>If assisted vaginal delivery (vacuum or forceps) was NOT performed in the last 3 months, has it been performed in the last 12 months?</p>	Yes..... 1	No 0	If “No”, skip to 28
27	<p>If assisted vaginal delivery was performed in last 12 months, what instrument was used?</p> <p><i>(circle one)</i></p>	Vacuum extractor..... 1	Forceps..... 2	Both 3

Signal Function 7: Newborn Resuscitation

No.	Item	Responses		Skip to
28	<p>Has newborn resuscitation with bag and mask been performed in the last 3 months?</p>	Yes..... 1	No..... 0	If “Yes”, skip to 31

No.	Item	Responses		Skip to
29	<p>If newborn resuscitation with bag and mask was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. <i>other (specify)</i></p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
30	<p>If newborn resuscitation with bag and mask was not performed in the last 3 months, has it been performed in the last 12 months?</p>	<p>Yes..... 1</p> <p>No..... 0</p>		

Signal Function 8: Blood Transfusion

No.	Item	Responses	Skip to
31	<p>Has blood transfusion been performed in the last 3 months?</p>	<p>Yes..... 1</p> <p>No 0</p>	<p>If “No”, skip to 33</p>
32	<p>If blood transfusion was performed in the last 3 months, describe the primary supply of blood:</p> <p><i>(circle one)</i></p>	<p>Blood comes from central blood bank 1</p> <p>Blood comes from a facility blood bank 2</p> <p>Blood is collected from family or friends as needed (i.e., direct transfusion) 3</p> <p>Blood is collected from regular blood donors when needed 4</p> <p>Other <i>(specify)</i> 5</p> <p>_____</p>	<p>All responses to this item skip to 36</p>

No.	Item	Responses		Skip to
33	<p>If blood transfusion was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other <i>(specify)</i></p> <p>_____</p>	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
34	<p>If blood transfusion was NOT performed in the last 3 months, has it been performed in the last 12 months?</p>	Yes..... 1	No 0	If “No”, skip to 36
35	<p>If blood transfusion was performed in the last 12 months, describe the primary supply of blood:</p> <p><i>(circle one)</i></p>	Blood comes from central blood bank 1	Blood comes from a facility blood bank 2	
		Blood is collected from family or friends as needed (i.e., direct transfusion) 3	Blood is collected from regular blood donors when needed 4	
		Other <i>(specify)</i> 5	_____	

Signal Function 9: Perform Obstetric Surgery (Cesarean Delivery)

No.	Item	Responses	Skip to	
36	<p>Has a cesarean been performed in the last 3 months?</p>	Yes 1	No 0	If “Yes”, skip to 39

No.	Item	Responses		Skip to
37	<p>If a cesarean was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>) _____</p>	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
38	<p>If a cesarean was NOT performed in the last 3 months, has it been performed in the last 12 months?</p>	<p>Yes 1</p> <p>No 0</p>		If "No", skip to 40
39	<p>What type of anesthesia is/are currently used when performing a cesarean delivery? (<i>read options out loud</i>)</p> <p>a. General intubation</p> <p>b. Spinal/Epidural</p> <p>c. Ketamine</p> <p>d. Other (<i>specify</i>) _____</p>	Yes	No	
		1	0	
		1	0	
		1	0	
		1	0	

Other Maternal and Newborn Health-Related Services

No.	Item	Responses	Skip to
40	<p>Does staff routinely practice active management of the third stage of labor?</p>	<p>Yes..... 1</p> <p>No 0</p>	If "yes" skip to 42

No.	Item	Responses		Skip to
41	If active management of third stage of labor is not done, why? <i>(circle 1 for all spontaneous answers; otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) _____	Spontaneously mentioned 1 1 1 1 1 1 1	Not mentioned 0 0 0 0 0 0 0	
42	Has a partograph been used to manage labor in the last 3 months?	Yes.....1 No0		If "Yes", skip to 44
43	If a partograph has NOT been used to manage labor in the last 3 months, why? <i>(circle 1 for all spontaneous answer; otherwise circle 0)</i> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) _____	Spontaneously mentioned 1 1 1 1 1 1 1	Not mentioned 0 0 0 0 0 0 0	
44	Has a vaginal breech delivery been performed in the last 3 months?	Yes.....1 No0		If "Yes", skip to 46

No.	Item	Responses		Skip to
45	<p>If a breech delivery was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
46	<p>For mothers with unknown HIV status, has rapid testing been performed in the maternity/labor ward in the last 3 months?</p>	<p>Yes.....1</p> <p>No0</p>		<p>If "Yes", skip to 48</p>
47	<p>If rapid HIV testing was NOT provided in the maternity/labor ward in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
48	<p>Have ARVs been given to seropositive mothers in the maternity/labor ward in the last 3 months?</p>	<p>Yes.....1</p> <p>No0</p>		<p>If "Yes", skip to 50</p>

No.	Item	Responses		Skip to
49	<p>If ARVs were NOT given to seropositive mothers in the maternity/labor ward in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
50	<p>Have ARVs been given to newborns in the maternity/labor ward in the last 3 months? (PMTCT)</p>	<p>Yes.....1</p> <p>No0</p>		<p>If "Yes", skip to 52</p>
51	<p>If ARVs were NOT given to newborns in the maternity/labor ward in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
52	<p>Has special or intensive care been provided to a preterm or low birth weight baby in the last 3 months?</p>	<p>Yes.....1</p> <p>No0</p>		<p>If "Yes", skip to 54</p>

No.	Item	Responses		Skip to
53	<p>If special or intensive care has NOT been provided to a premature or low birth weight baby in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <ul style="list-style-type: none"> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. no pediatric or intensive care unit for infants h. other (<i>specify</i>) <p>_____</p>	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
54	Has a craniotomy been performed in the last 3 months?	Yes.....1	No0	
55	Has an episiotomy been performed in the last 3 months?	Yes.....1	No0	If "Yes", skip to 57
56	<p>If an episiotomy was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answer; otherwise circle 0)</i></p> <ul style="list-style-type: none"> a. availability of human resources b. training issues c. supplies/equipment/drugs d. management issues e. policy issues f. no indication g. other (<i>specify</i>) <p>_____</p>	Spontaneously mentioned	Not mentioned	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
		1	0	
57	Is there a health worker at this facility who is trained to repair obstetric fistula?	Yes.....1	No0	If "No", skip to 60
58	Has <u>at least one</u> fistula been repaired in this facility in the last 3 months?	Yes.....1	No0	If "Yes", skip to 60

No.	Item	Responses		Skip to
59	Has <u>at least one</u> fistula been repaired in this facility in the last 12 months?	Yes.....1 No0		
60	Have temporary family planning methods been provided in the last 3 months?	Yes.....1 No0		If "Yes", skip to 62
61	<p>If temporary family planning methods were NOT provided in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answers; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. no methods available</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
62	Has a surgical method of permanent contraception been performed in the last 3 months?	Yes.....1 No0		If "Yes", skip to 64
63	<p>If a surgical method of permanent contraception was NOT performed in the last 3 months, why?</p> <p><i>(circle 1 for all spontaneous answer; otherwise circle 0)</i></p> <p>a. availability of human resources</p> <p>b. training issues</p> <p>c. supplies/equipment/drugs</p> <p>d. management issues</p> <p>e. policy issues</p> <p>f. no indication</p> <p>g. other (<i>specify</i>)</p> <p>_____</p>	<p>Spontaneously mentioned</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Not mentioned</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
64	Is there a health worker that can perform tubal ligation (surgical method of permanent contraception)?	Yes.....1 No0		

No.	Item	Responses	Skip to
65	Is there a health worker who can do vasectomy?	Yes.....1 No0	
66	Does the facility provide postabortion contraception to women?	Yes.....1 No0	
67	Does the facility provide emergency contraception to women?	Yes.....1 No0	

Comments: