# Strengthening Health Systems for High Risk Newborn Care: An Integrated Hospital-Community GIS System for Sustainable Delivery of Quality Care during Early Child Brain Development in Rural Uganda

## **Maternal and Neonatal Care Practices**

Sta	tart Time:/ Inter	view Date//	Interviewer's code:	
Α.	. BACKGROUND			
Vill	'illage name			
Ch	child name			
Ch	Child ID			
1.	. Mother's Name			
2.	. Mother's individual ID			
3.	. Mother's location ID			
4.	. Mother's family ID			
5.	. Wazalibwa mwezi ki era mwaka ki?	In what month and year were yo	ou born?	
	Year	98. Don't know		
	Month	98. Don't know		
	<ol> <li>Oli mufumbo? What is yo Married</li> </ol>	our marital status? 1. Married 2.	Divorced /Separated 3.Widov	ved 4. Single/Never
6.	. Pregnancy history: a, total number of pregnancies ever b, Wakazala abaana kenekene bam c, Number of Still births	eka? Number of children mother		
7.	. Kwabo bameka abakali abalamu? A	Number of children who are alive		
8.	. Wazalali (NAME)? On what date d	lid you deliver (NAME)	_/	
9.	. Omwaana ayaga atya obukulu? Ago	e of Baby in Months	Months Days	
10.	0. Wazala otya? Mode of delivery 1	. Normal head first 2. Breech	3. Caesarian 4.Other Sp	ecify
11.	Oluzaalo luno lwamwana mulala, ba	alongo oba basaatu? Is the baby	1. Singlet 2. Twin	3. Triplet
	In case of twins or triplets use a se	parate questionnaire for each	baby;	-
12.	2. Omwaana mulamu? <i>Is baby alive?</i>	1. Yes <b>SKIP to 16</b>	2. No	
13.	3. If died: Age in months/Days: Mon	ths Days		
14.	<ol> <li>Buzibu kyi bweyali nabwo? What v</li> <li>Baby very weak/inactive</li> <li>Baby's body feeling very of</li> <li>Baby's body feeling hot</li> <li>Baby having difficulty in b</li> <li>Difficulty in breathing</li> <li>Colour of skin/lips turning</li> </ol>	cold preast feeding	7. Bleeding from the c 8. Seizures/convulsion 9. Very small/LBW 10. Baby yellow in colo 11. Others (specify)	our

#### **SOCIAL STATUS**

- 16. Oli wandhikiriza ki? What is your religion?
  - 1. Catholic 2. Protestant 3. Muslim 4. Pentecostal 5. SDA

6.Others

- 17. Wasomaku? Have you ever attended school? 1. Yes 2. No (SKIP TO 20)
- 18. Wakoma mukyakumeka? What is the highest level of school you attended: primary, '0' level, 'A' level, or university or tertiary?
  - 1. Primary O' level
- 2. A' level 3. Tertiary 4. University
- 19. Mulimoki ogwenkalakalira gwokola? What is your primary (main) occupation?
  - 1. Salaried worker 2. Business woman 3. Laborer Farmer/house wife Others (Specify) ......
- 20. Baba w'omwaana yasoma ku? Did the father of the child attend school? (ASK ONLY THOSE CURRENTLY MARRIED)
  - 1. Yes 2. No (**SKIP TO 23**) 96. DK(**SKIP TO 23**)
- 21. Baba w'omwaana yakoma mukibina kya kumeka? What is the highest level of school that the father of the child attended?
  - 1. Primary 2. O'level 3. A'level 4. Tertiary 5. University
- 22. Baba w'omwaana akola mulimoki ogwenkalakalira? What is the primary (main) occupation of the father of the child?
  - 1. Salaried worker 2. Businessman 3. Laborer 4. Farmer 5. Others (Specify) ......
- B. ANTENATAL CARE (All questions in section B refer to medical care/check up during pregnancy)
- 23. Bwe ghali amabundha ghajja bakukeberaku/wanwaku obulezi? *During the last pregnancy, did you attend antenatal care? (ANC)* Yes = 1 No = 2 (Skip to 28)
- 24. Milundi emeka jeghaja okukukebera? How many times did you attend ANC?

......No of times DK=96

- 25. Bweghasoka okukeberebwa amabundha, gali gamyezi emeka? How old was the pregnancy when you attended ANC for the FIRST time?......Months

  DK=96
- 26. Kumirundi gyewagya okunhwa obuleezi kuluzalo olwasembayo, abasawo bakuwaku amageezi Kubinno. During any of your antenatal care visits with health workers during the last pregnancy, were you counseled on: (READ RESPONSES TO MOTHER AND CIRCLE THE APPROPRIATE RESPONSES).

	Yes	No	Don't know
Okwonsa omwaana nga wakamala okuzala?	1	2	96
Breastfeeding immediately after birth?			
Akapiso akaziyiza lulalama?	1	2	96
Tetanus toxoid vaccination?			
Okukuma omwaana omuweere nga abuguma?	1	2	96
Keeping the newborn warm?			
Endhabirira yakalira komwaana eyakazaalibwa?	1	2	96
Proper cord care			
Okokozesa omusaawo omutendeke azaalisa?	1	2	96
Using a skilled birth attendant?			
Okusalawo ekifho mwonazalira Selecting the place for delivery	1	2	96

Ebintu ebikozesebwa mukuzaala? Using Mama Kit	1	2	96
Famile? Family planning?	1	2	96
Okutereka akasente akokwekumisa mukuzaala Saving money for emergency/ delivery	1	2	96
Okutereka akasente akentambula? Saving money for transport?	1	2	96
Endhabirila eyomwaana eyakazaalibwa?  How to care for the newborn?	1	2	96
Ebindi, Inonola Others, Specify			

1.	Ghamiraku Fansidar	okusobola	okuziyiza omusudha	ogwensiri? Did y	ou take any fansidar tablets in orde
	to prevent malaria	1. Yes	2. No ( <b>skip to 28</b> )	96. DK	

- 27. Ghamiraku dose imeka edha fansidar? How many fansidar doses? .........Doses ..... DK=96
- 28. Bakukeberaku akawuka akaleta sirimu? Were you tested for HIV?
- 1. Yes 2. No 96. DK
- 29. Bwebakukebera akawuka akaleta sirimu, bakukoberaku ebyavamu? If you were tested for HIV, did you receive the results?
  - 1. Yes 2. No SKIP to 33
- 30. What was the outcome of the HIV test:
- positive
- 2. Negative
- 96. DK
- 31. Ekisera kyonakyona nga oli'mabundha gano, wafunaku akapiso akaziyiza lulalama? At any time during this pregnancy, did you receive any tetanus injections?
- 1. Yes 2. No Skip to 35 96. DK Skip to 35
- 32. Milundi emeka gyebakukuba obupiiso obwalullalama ku mabundha gano? *If yes, how many times did you receive tetanus injections during this pregnancy?* \_\_\_\_\_ times
- 33. Nga okali kutola mabundha gano, milundi emeka gyewafunaku akapiso akaziyiza lulalama? *Before this pregnancy, how many times did you receive a tetanus injection?*No. of Times............. (Indicate 96 if don't know) 96 DK
- 34. Wamiraku eidhagala lyonalyona eliziyiza okuwamu omusayi? Did you take any drugs for at least one month to prevent anemia (iron tablets or folic acid or syrup)?
  - 1. Yes 2.No 96. DK
- 35. Bwewali amabundha gha (NAME), ghasulaku mukatimba akensiri? During the pregnancy of (NAME), did you sleep under a mosquito net?
  - 1. Yes 2.No (**skip to 39**)
- 36. Bwe wali amabundha gha (NAME),ghamala emyezi emeka wona wona nga osula mu katimba akensiri? During the last pregnancy, how many months in total did you sleep under a mosquito net?

......Months 96. DK

- 37. Nga omazze okuzala, omwana wamusuza mukatimba akensiri? Does this baby sleep under a mosquito net?
  - 1. Yes 2. No
- 38. Ate iwe? What about you; are you sleeping under a mosquito net? 1. Yes 2. No

Nga obuzayo week ozale ghali oguze/otegheike biino? A week to the time of delivery, had you prepared/bought the

following: (READ ITEM BY ITEM TO RESPONDENT AND CIRCLE THE APPROPRIATE ANSWER)

a.	Gloves?	Yes = 1
b.	Akavera Mackintosh	Yes = 1

c.	Ekeleta Razorblade/surgical	Yes = 1
	blade/scissors	
d.	Akawuzi akasiba akalera Thread for	Yes = 1
	tying the cord	
e.	Obulezi obwokuta ku maiso ago mwana	Yes = 1
	Tetracycline	
f.	Empisso Syringes and needles	Yes = 1
g.	Pamba /enfungo cotton wool	Yes = 1
h.	Obugoye bwomaana Clothes for the baby	Yes = 1
i.	Oteleikoku esente edhentambula	Yes = 1
	nebyetago Saved money for transport	
	and hospital needs	
j.	Others (specify)	

39. Nga kw'ebyo ebikolebwa mukunwa obulezi nga oli mabunda, wafunaku ekimu kubino? *As part of your antenatal care during the last pregnancy, were any of the following done at least once?*(**Ask only those who attended ANC**)

		Yes	No
a)	Wapimwaku obuzito? Was your weight taken?	1	2
b)	Bakupimaku pulesa? Was your blood pressure measured?	1	2
c)	Wawayoku amaine go? Did you give a urine sample?	1	2
d)	Bakutolakuku omusayigwo? Did you give a blood sample?	1	2
e)	Bakupima obuwanvu? Was your height taken?	1	2
f)	Ever counseled on how to feed yourself	1	2

40. Ebisera ebindhi, amabundha gaba no buzibu obuyinza okugaletera okuvamu oba ighe no omwana okufa.

Bwewali amabundha, bakukoberaku obubonero obwakabi obuyinza okukutukaku? Sometimes pregnancy can have complications that lead to miscarriage or even deaths. When you were pregnant, were you told about the signs of pregnancy complications?

96. Yes=1 No=2 (**Skip to 45**) DK (**Skip to 45**)

41. Bakukoberaku agho kujja oba ekyokola nga ofunhye obubonero buno? *Were you told where to go or what to do if you got any of the danger signs?* Yes=1 No=2 96=DK

42. (FOR THIS QUESTION NO PROBING, CIRCLE ALL MENTIONED) Bubonero ki obulaga nti amabundha gafunhyemu obuzibu obwamanhi? What are some of the signs that may indicate that a pregnancy is in danger?

Vaginal Bleeding	1
High fever	2
Abdominal pain	3
Swelling of hands and feet	4
Convulsions/fits	5
Loss of consciousness	6
Severe headache/Dizziness	7
Yellowing of the eyes and palms (Jaundice)	8
Foul smelling vaginal discharge	9
Others (specify)	
Don't know any signs or symptoms	96

43. (FOR THIS QUESTION READ EACH ITEM TO THE RESPONDENT AND CIRCLE THE APPROPRIATE ANSWER) Bweghali amabundha gha (NAME), gha funaku obubonero buno? *Did you experience any of the following signs during the pregnancy of NAME*?

SIGNS AND SYMPTOMS

Okuva Omusayi wansi Bleeding	Yes = 1	No = 2
Okuzirikaku Loss of consciousness	Yes = 1	No = 2
Okulumwa nga emyezi omwendha jikali Preterm labor/Labor before 9 months	Yes = 1	No = 2
Okwesika Convulsions/fits	Yes = 1	No = 2
Omubiri okwokya Fever	Yes = 1	No = 2
Okuzimbuluka mu maiso, ebigere nengalo Swelling of the face, hands, feet, or legs	Yes = 1	No = 2
Amaiso agakyenvu Yellowing of the eyes or palms or both	Yes = 1	No = 2
Amadhi agawunya okuva mu bitundu ebyekyaama Foul smelling vaginal discharge	Yes=1	No=2
Omutwe okuluma eino oba Kamunguluze Severe headache/dizziness	Yes=1	No=2
Ebindi (Inonola) Other (specify)		

- 44. Kumabundha agasembayo nga okali kuzaala, waliwoku omusawo yena yena (nurse/midwife/TBA/VHT/CHW etc) eyakukyalilaku ewuwo okkuwa obuyambi oba amagezi? During the pregnancy of (NAME), did any healthcare provider (nurse/midwife/TBA/VHT/CHW or other) visit you at home to provide care or advice?
  - 1. Yes = 1 No = 2 (**Skip to 49**)
- 45. Musawo kyi eyakukyalilaku ewuwo? Who was the health provider who visited you at home?(multiple responses possible)

Doctor /Medical Assistant/Clinical Officer	1
	2
Midwife/Nurse	
Traditional Birth Attendant	3
VHT/CHW	4
Other (specify)	
	5

# QUESTIONS 49-52 ARE ABOUT CHWS' VISITS DURING PREGNANCY Read to respondent: In this village there is a community health worker trained to visit pregnant women

- 46. Bwewali amabundha ga (NAME) omuwii wamagezi (VHT) yakukyaliraku ewuwo mumaka okukuwa kumageezi? *During your pregnancy with (NAME), did a community health worker visit you at home?* 
  - 1Yes 2. No (**Skip to 52**) 96. Don't know (**Skip to 52**)
- 47. Mirundi emeka omuwi wamageezi gyeyakukyaliraku nga oli mabundha ga (NAME) *How many times did the CHW/VHT visit you during your pregnancy with (NAME)?* 
  - 1. Once 2.Twice 3. Three times 4. Four or more times 96.96. Don't remember
- 48. Kunkyalo dhino nga oli mabundha, omuwi wamageezi yakuwaku mageezi ki? What did the CHW counsel you on during the pregnancy visit(s)?

#### Multiple responses, no prompting

- a) To go to facility for antenatal checkup during pregnancy
- b) TT vaccination
- c) Take iron tablets
- d) Danger signs during pregnancy
- e) Nutrition/feeding
- f) To rest
- g) Not to do heavy work
- h) Putting aside money for emergency
- i) Ensure emergency transport
- j) To deliver in health facility
- k) Ensure a person to escort you to the health facility

- 1) Buy/prepare clothes for newborn
- m) Family planning
- n) Breastfeeding
- o) Cord care
- p) Care of low birth weight baby
- q) Advice on drying/wrapping of newborn immediately after birth
- r) Advice on when to bathe the newborn (delayed bathing)
- s) Danger signs for baby after delivery
- t) others, specify\_
- u) don't remember

### C. CARE DURING DELIVERY

(The following questions are related to care during delivery)

49. Wazalila gha? Where did you deliver from?

<u> </u>		
Hospital	1	
Health centre	2	
Private clinic	3	
TBA's home	4	Skip to 58
Home	5	Skip to 58
On route to hospital or health facility. Find out whether proceeded to	6	Skip to 58
the health facility & comment. If proceeded, ask qns.57 & 58		
Other (specify)	7	
	1	

50. Wamala kiselaki mwilwaliro ng'omaze okuzaala? How long did you stay in the facility after you delivered?

### (IF LESS THAN A DAY CODE HOURS, IF LESS THAN A WEEK CODE DAYS, ELSE CODE WEEKS)

No. of hours (IF LESS THAN A DAY)

No. of days (IF LESS THAN A WEEK)

No. of weeks

51. Ani eyakuzalisa? Who helped you to deliver?

Health pro	fessional/worker	1
TBA		2
Relatives		3
Other		4
(specify)		

- 52. Omwana wewamuzalira, endha yali etuuse? Was baby born at term (37-42 weeks/9 months)?
- 1. Yes 2. No
- 53. How long was labour 1. < 24hrs 2. >24hrs 3. No labor/CS,

54. Table: Perinatal Complications: was there?			
Prolonged rupture of membranes (>24hrs) before delivery?	1. Yes	2. No	96.DK
Cord prolapse during labor/delivery	1. Yes	2. No	96.DK
Placenta preavia	1. Yes	2. No	96.DK
Uterine rupture	1. Yes	2. No	96.DK
Any other complications	1. Yes	2. No	96.DK

55. Lwaki tiwazalira mwilwaliro? Why didn't you deliver in a health facility?

(CIRCLE ALL THAT APPLY AND ASK ONLY RESPONDENTS WHO GAVE BIRTH AT HOME OR TBA)

- a. Ebisale ebitekeibwa okuwebwa kubwidandabi biliwaigulu ino Formal cost of treatment too much
- b. Ebisale ebitatekeibwa kuwebwa kubwidandabi biliwaigulu ino Informal cost of treatment too much
- c. Eidwaliro tilyali ligule Facility not open
- d. Eidwaliro lyali wala Facility too far
- e. Wali wazira ntambula No transport (Vehicle, bodaboda, bicycle) available.
- f. Wali wazira sente dantambula No money for transport.
- g. Ebisa byaidha mangu Labour progressed too fast.
- h. Tyesiga idwaliro eryo/omutindo gwobwidandabi guliwans Do not trust facility/poor quality of services
- i Wali wazira musawo mukazi kwidwaliro No female provider at the facility
- j. Baze/abantu bange tibandikiriza Husband/family did not allow
- k. Kyali tikyetagisa kuzalila kwidwalilo Not necessary to deliver in a health facility
- 1. Wali wazira musawo kwidwaliro No provider at the facility.
- m. Nali nzira byetagisa nga giravusi, ekivera Did not have required supplies (gloves, mackintosh etc).
- n. Ebindi Others specify.....

56.	(NAME) bamupima obuzito nga yakazalibwa? Was (Name) weighed after birth?	Yes         1           No.         2           Don't know         96	SKIP ТО 62 SKIP ТО 62
57.	Wabitawo ibanga ki nga (NAME) azalibwa me apimibwe?  How soon after birth was (NAME) first weighed?	Within 1 day (24 hours)	
58.	(NAME) yalimu buzito ki?  How much did (Name) weigh?  Record weight from health card, if available.	Card	
59.	Omwaana ono bweyali yakamala okuzalibwa yali munene inho, Wakigero oba mutono inho <i>When (Name) was born, was he/she larger than average, average, smaller than average?</i>	Larger than average       1         Average       2         Smaller than average       3         Don't know       96	
60.	Omwana ono bweyali yakamala okuzalibwa (mu wiki esooka) CHW/VHT yamupimako obuwanvu bwakagere Was NAME's foot length taken by a CHW/VHT	Yes	

61. (	NAME)	yalilirawo	/yaiisa bu	ılungi nga ya	kazaalibwa?

Did (NAME) cry/breathe easily immediately after birth?

96. Yes (**Skip to 66**) **2.** No

3.Don't know (Skip to 66)

62. Oba bbe, kyiki ekyakolebwa okuyamba (NAME) okwiisa obulungi oba okulira nga yakazalibwa? *If no, what was done to help (NAME) cry or breathe at the time of birth?* 

## **Multiple responses – not prompted**

- 1. rubbed/massaged
- 2. dried
- 3. mouth cleared with cloth/cotton/gauze
- 4. mouth cleared with a bulb syringe/suction
- 5. cleared cord from around neck

- 6. mouth to mouth resuscitation
- 7. ventilated with bag and mask
- 8. provided oxygen
- 9. Other (specify)
- 96. Don't know
- 63. Ani eyayambaku (NAME) okulira oba okwiisa obulungi? Who took measures to help (NAME) cry or breathe?

#### Multiple responses – not prompted

- 1. Health professional/worker
- 2. TBA
- 3. Community health worker/VHT
- 4. Relatives
- 5. Other
- 96. Don't know
- 64. Was baby taken away from the mother immediately? 1. Yes

2.No

96DK

If yes describe the circumstances			
65. FOR BIRTHS IN WOMAN'S OWN IN Nga omuzalisa akali kuva mumakaago Before the person who assisted the deli health? 1. Yes Skip to 71 2. No.	yakebeera ku mbeera very left your house, a	yomwaana? fter [NAME] was born, a	did he/she check on [NAME'S?]
Nga okali kusibulwa mwilwaliro nga oyomwaana  Before you were discharged after [NAM 1. Yes 2. No ( <b>Skip to 72</b> )	omaze okuzaala, wa ME] was born, did any	liwo ku omusaawo ye	nayena eyakeebera kumbeera
67. 75. Anhi eyakeebera omwaana mukis the mother mentions unprompted. Then <a href="Skilled Personnel">Skilled Personnel</a> 1. Doctor/Medical Asst/Clinical Officer	ask, "Is there anyone e	else." PROBE FOR MOS	
68. 76. Nga omaaze okuzaala, ibanga ki delivery did the first check for (NAME) t IF LESS THAN ONE DAY, RECORD HO Hours	take place? IF LESS TOURS, IF MORE THA \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	HAN ONE HOUR, REC	CORD '00',
QUESTIONS 72 – 81 ARE ABOUT CHW	VISITS AFTER DE	LIVERY	
69. Omwana ono nga amaze okuzalibwa	waliwoku omusawo	yena yena eyakukyal	ilaku ewuwo okkuwa obuyambi oba
amagezi nga wakamala okuzaala mu	mwezi ogwasoka?		
After this baby was born, did any healthcare	provider (nurse/midw	ife/TBA or other) visit yo	ou at <u>home</u> to provide care or advice in
the first month after delivery? 1. Yes	2. No ( <b>Skip to 79</b> )		
70. Musawo kyi eyakukyalilaku ewuwoʻ	? Who was the health 1	provider who visited you	at home? Multiple responses possible
Doctor /Medical Ass	•	•	CHW
Officer 2. Midwife/Nurse		6.	Other (specify)
3. Traditional Birth Atter 4. VHT	ndant		(specify)
71. Nga (NAME) amaze okuzaalibwa, e After (NAME) was born, did anyone inform t 1. Yes 2. No (Skip to 72. Wabitawo ibanga kyi ngo'mwaana a How long after (NAME) was born was the ma	the CHW about the bir.  76) 96. Don't kn zaalibwa, me omuw	th? low ( <b>Skip to 76</b> ) ii wamageezi ategezee	
HoursDays	96. Don't know		
73. Nga (NAME) azaalibwa, omuwii wa did a CHW visit you or the baby at home <b>96.</b> Yes 2. No ( <b>Skip to 82</b> )	e within the first month		ogwasooka? After (NAME) was born,
74. Omuwii wamagezi yakukyaliraku en How many times did the CHW visit you with			ka nga omwaana azaalibwa?

	1.	Once	2. Twice	3. Three times	4. Four or more times	96. Don't remember			
75. W	/abitawo i	ibhanga l	kyi ngo'maz	e okuzaala (NAME)	) memale omuwi wamage:	zi akukyalire:			
b, On		gwokubir	? 1 <sup>st</sup> visit ri? 2 <sup>nd</sup> visit atu? 3 <sup>rd</sup> visit	Days Days Days	96. DK Not applicable if visited Not applicable if visited				
	did the CH	W discuss		on with regard to the	nagana nobulamu bwomw health of your baby during t				
		ng the bal			7. Immuniz	ation			
2. Proper cord care						of sick baby			
3. When to bathe the baby					9. Others (specify)				
4. Danger signs of the baby					10. Did not provide any counseling				
	5. Seek C 6. Breast		a health facil	ity	96. Can't re	member			
		_	•		magana nobulamu bwo ku	•			
What a					ur own health during any of	the visit/s?			
			ises, unprom						
				utrition, hygiene,)	6. Counseled on other methods of family planning				
			the health cer		after birth				
	breastfee		garding proper	technique of		specify)			
		_	f the mother of	ftor dolivory	8. Did not provide any counseling 96. Can't remember				
<ul><li>4. Danger signs of the mother after delivery</li><li>5. Counseled on Lactation amenorrhea as a method of family planning</li></ul>					90. Can t 16	sinember			
	Buuti tugy lho?	a kuway	amuku kubiş	gema kumuwii wan	nageezi byeyakola kulwo	buulamu bwomwaana kunkyalo			
Now I				hat the CHW did duri	ng the home visit(s) for the h	ealth of you and your baby?			

Did the CHW: (READ AND CIRCLE ALL MENTIONED)

	Yes	No	DK
A. Checked (NAME's) cord?	1	2	96
B. Checked (NAME's) temperature?	1	2	96
C. Checked (NAME's breathing, breastfeeding, wellbeing)	1	2	96
D. Took NAME's foot length	1	2	96
Probe: By temperature check I, mean did the CHW feel NAME's forehead	1?		
E. Check you for bleeding?	1	2	96
F. Check your temperature?	1	2	96
Probe: by check, I mean did the CHW feel your forehead?			
G. Tell you how to recognize that NAME might be sick/need treatment?	1	2	96

79. Oluvainuma olwokuzaala, bubonero kyi obulaga nti omukazi ali mubuzibu? What are some of the signs following delivery that indicate that a woman is in danger? Testing knowledge (NO PROBING, CIRCLE ALL MENTIONED)

SIGNS AND SYMPTOMS		
Excessive/abnormal Bleeding	YES =1	NO = 2
Loss of consciousness	YES =1	NO = 2
Convulsions/fits	YES =1	NO = 2
Fever	YES =1	NO = 2
Swelling of the face, hands, feet, or legs	YES =1	NO = 2
Yellowing of the palms or eyes	YES =1	NO = 2
Foul smelling vaginal discharge	YES =1	NO = 2
Others Specify		

80. Wafunaku obubonero buno mumwezi ogwasooka nga omaze okuzaala?

Did you (the mother) experience any of the following signs during the first month after delivery? (PLEASE READ OUT TO

## THE RESPONDENT AND CIRCLE THE APPROPRIATE CODE)

SIGNS AND SYMPTOMS		
Excessive/abnormal Bleeding	YES =1	NO = 2
Loss of consciousness	YES =1	NO = 2
Convulsions/fits	YES =1	NO = 2
Fever	YES =1	NO = 2
Swelling of the face, hands, feet, or legs	YES =1	NO = 2
Yellowing of the palms or eyes	YES =1	NO = 2
Foul smelling vaginal discharge	YES =1	NO = 2
Others Specify		

81.	Wazalila kukyi?	On which	surface did t	the delivery	take place?	(READ TO	THE RESPOND	ENT AND	CIRCLE	THE

	Loss	Loss of consciousness		NO = 2	
	Convi	ulsions/fits	YES =1	NO = 2	
	Fever		YES =1	NO = 2	
	Swell	ing of the face, hands, feet, or legs	YES =1	NO = 2	
	Yello	wing of the palms or eyes	YES =1	NO = 2	
		smelling vaginal discharge	YES =1	NO = 2	
	Other	s Specify			
81.	Wazalila kı	ıkyi? On which surface did the del	ivery take place? (REA	D TO THE RE	ESPONDENT AND CIRCLE THE
	APPROPRI	(ATE CODE)			
	1.	Kuleeba mwilwaliro (Labour bed i	n	4. Wan	si ku lugoye (Cloth on floor)
	2	hospital/Health unit)		5. Wan	si awelere (Bare floor)
	2.	Ku Leeba ewomusawo owo kukya	lo		er (specify)
	3.	("Labour bed" at TBA) Wansi ku kavera (Machintosh on f	loor)	o. Othe	(specify)
82.	Bakozesa k	yi okusala akalela? What instrume	nt was used to cut the co	rd?	
	1	. New and Un used razor blade	(skip	5. Oth	er (specify)
		to 87)		96 Dor	n't know/don't remember (Skip to
		. Used razor blade		87)	` <b>-</b>
	3			- /	
00		. Knife	1 1:1:0 1:1 1 0		
		ebwa okusala akalera k'omwaana			
was		ent used to cut cord boiled prior to us	e!		
		. Yes			
		. No 6. Don't know			
	Walongosa	otya akalera k'omwaana munaak	u eisatu edhasooka? H	Iow did you clea	n the baby's cord in the first 3 days?
	(DO NOT P				
		Washed with water only			
		Washed with water and soap			
	3.	Washed with salted water	1 1		
	4. 5.	Washed with disinfectant/spirit/alco			
	5.	Other (Specify)		• • • • • • •	

85. Kyiki kyewata kukalera okuva lwebakasala okutusa lwekawonera?

What was put on the cord from the time it was cut until it fell off to help it heal? (Circle all mentioned, DO NOT PROMPT)

- 1. Nothing
- 2. Medical drugs
- 3. Powder
- 4. Ash

- 5. Salty Water
- 6. Other (Specify).....
- 86. Omwaana yanazibwa luvainuma lwa ibhanga kyi, omulundi ogwasoka nga yakamala okuzaalibwa? How long after delivery was (NAME) bathed for the first time?

Days				
87. Oyo eyakuzalisa yakukobera ku bino?				
Did the attendant at delivery counsel you on the following? (PLEASE READ I	OR THE	RESPO	NDENT AND CIRCLE TH	Œ
APPROPRIATE CODE)				
	VEC	NO	DV	
Okwonsa Breastfeeding	YES 1	NO 2	DK 96	
Okukuma omwana nga abuguma Keeping the baby warm	1	2	96	
Okulabilira akalira Cord Care	1	2	96	
Obubonero obwakabi eri omwana Danger signs of the newborn	1	2	96	
Omugaso gwo'kugya mwidhwaliro Importance of health facility visit	1	2	96	
Ebya famile Family planning	1	2	96	
Okugema Immunization	1	2	96	
(This section refers to care for the mother and baby after delivery) 88. Omwana mwamutangira mutya empewo nga yakamala okuzalibwa? How was warmth of (NAME) maintained after birth? Ask for anything else? (MA) 1. Contact with mother's skin 2. Wrapping in cloth	ARK WHA	ATEVER	IS MENTIONED)	
<ul> <li>8. Wearing cap on head</li> <li>4. Wearing socks</li> <li>5. Delayed bathing</li> <li>6. Other (specify)</li> <li>89. Omwaana ono yamala ibanga kyi nga amaze okuzaalibwa me atebwe How soon after delivery was (NAME) placed skin to skin with the mother for the HOURS MIN 96. Don't know 1. Never</li> <li>90. Wamala ibhanga kyi nga omwaana atereibwa lususu kulususu mukifuba kyo</li> </ul>	first time?		nukifuba kya maama we	?
For how long (total) was (NAME) placed skin to skin with the mother after birth  MINUTES  HOURS  DAYS  WEEKS  Don't know96  91. Mu mweezi ogwasooka watwalaku omwaana mwilwaliro okumukebe  Within the 1 <sup>st</sup> month after delivery, did you ever take your child to a health f  1. Yes  2. No (Skip to 97)  92. Omwana yali wabbanga kki ghewamutwalira okumukebera mwilwali	era? Cacility for			
		C		<b>1</b> 7
How old was the baby at the time of first checkup at a healthy facility (F	ILL IN V	VEEKS II	F BABY WAS MUKE THA	.I <b>V</b>
ONE WEEK) Weeks Days	_			
93. Milundi emeeka gyewamutwala okumujjanjaba mwilwaliro mu mwee	ezi ogwas	ooka?		
How many times did your baby have CHECK UPS at the health facility in the	e first mon	th after d	elivery?	
No. of times 96. DK				
94. Omwaana Bamugema kku? Was NAME Immunized 1. Yes 2. No (S	SKIP TO	<b>105</b> ) 96. 1	DK ( <b>SKIP TO 105</b> )	
95. Omwaana yali yenkanawa me affune BCG (Okumugema T.B) days _ 96. Okugema kw'omwaana kugemagana n'obukulu bwe? Is baby immun 1. Yes 2. No 96. DK 97. Nga omaze okuzaala ghabitagho kiseera ki me ontandiike okwonsa?				
How long after birth did you FIRST put the baby to the breast?				

Hours

3	you ever so	queeze out 1. Yes	the first bi	reast milk (co 2. No	olostrum) and	l pour it? (If	woma	an didn	ı't fe		
99. 1	Nga otoir	eku okwo	nsa, eriyo	ku ekintu (	ekindi kyewa	awaku omw	ana (	ono m	u m	wezi ogusooka?	
1	Did you give anything else in the first month apart from breast milk to feed the baby?										
100.	Kikyi kye	1. Yes e wamugha		2. No ( <b>Skip</b> eku okwonsa		96. Don't k	now	(Skip	to 1	104)	
V	Vhat was g	iven to fee	d the baby	apart from	breast milk?	(Circle all n	nentio	ned)			
		<ol> <li>Cows</li> <li>Plain</li> <li>Sugar</li> <li>Gripe</li> <li>Salt a</li> <li>Fruit</li> </ol>	' Milk (oth water or Glucos water nd sugar s juice	her than brease water				8	8. 9. 10.	Infant formula Tea Honey Others (specify)	
L	oid vou eve	er feed the	baby with	a bottle/a cu	p with a teat	during the fi	rst on	e mont	th of	f the baby's life?	
	Yes =		o = 2		= 96	0 0			J		
	What did y ( <b>D</b> e	ou do to pi O NOT PI	revent illne ROBE. CI	ess in NAME RCLE ALL	gyoyinza okt during his/he MENTIONI	er first month		· birth?	?	paana abaweere?	
	1. 2. 3. 4. 5.	Wash ha Keep co	eding uten ands with s rd clean ar	sils clean oap and wat	er before hand	dling baby		6. 7. 8. 9.	M In	eep the baby warm inimize handling of baby by other people nmunization her. Specify	
103.		•	Ü							obulwaire obwamaani mu bulamu wo mwana ono buli mumbeera mbi?	
New	born bab	ies often g	et ill and s	some illnesse	es are serious	to their live	s in th	he first	t mo	onth of life. Which signs may show that a	
		lth may be PROBE.	Ü	ALL MENT	TIONED)						
	SIGN O	R SYMP						7.		cusuwirila omubiri Fever (body feeling	l
	1.			ons or fits	1 1 1	4			hot)		l
	2.			-	oa okulekera d adequately					nubiri okwinogoga einho <i>Unusually cold</i> y temperature	l
		or cessati			a aaequatety					zito bwomwana nga butonoinho	l
	3.	Omwana	owam		/Okuzilikaku	=				born too small/below normal weight	!
		Lethargy conscious	(very	weak) or	loss of			10.	Om	nwana nga wa kyenvu <i>Infant is</i> ow/jaundice	]
4. Eidhondo lyomwana okumyukilira <i>Redness</i> 11. Amaiso okuzimba nokumyuka/ amanir								l			
				ending to the				(	oku	va mumaiso Red swollen eyes, discharge n eyes	
	5.	Okusesen	na obuta	itola'ku/oba	okuzimba	1				wana okalambala <i>Infant is rigid</i>	!
					or abdominal					vidhukana <i>Diarrhea</i>	l
		distention						14. ]	Ebir	ndii Other	ĺ

Immediately (code 00) \_\_\_\_\_

Okwiisa

breathing/Fast breathing

buubi/einho

Hours \_\_\_\_

Days

104. Omwana gho yaliku no bubonero buno mu mwezi ogwasooka mu bulamu? Did your child have any of the following signs in the first month of life?

(Specify).....

## (READ FOR RESPONDENT AND CIRCLE ALL MENTIONED)

SIGN OR SYMPTOM	YES	NO	DK
1. Okwesika Convulsions or fits	1	2	96
2. Omwana obutonka bulungi oba okulekera okwonkera irala <i>Inability to feed</i>	1	2	96
adequately or cessation of sucking			
3. Omwana owamu amani/Okuzilikaku Lethargy (very weak) or loss of	1	2	96
Consciousness			
4. Eidhondo lyomwana okumyukilira Redness of the umbilicus extending to	1	2	96
the skin of the abdomen			
5. Okusesema obutatola'ku/oba okuzimba endha <i>Persistent vomiting and/or</i>	1	2	96
abdominal distention			
6. Okwiisa buubi/einho Difficulty breathing/Fast breathing	1	2	96
7. Okusuwirila omubiri Fever (body feeling hot)	1	2	96
8. Omubiri okwinogoga einho <i>Unusually cold body temperature</i>	1	2	96
9. Obuzito bwomwana nga butonoinho Newborn too small/below normal	1	2	96
Weight			
10 .Omwana nga wa kyenvu Infant is yellow/jaundice	1	2	96
11. Amaiso okuzimba nokumyuka/ amanini okuva mumaiso Red swollen	1	2	96
eyes, discharge from eyes			
12. Omwana okalambala Infant is rigid	1	2	96
13.Okwidhukana Diarrhea	1	2	96
14.Ebindi Other (Specify)	1	2	96

11. Amaiso okazimba nokamyaka/ amamin okava mamaiso kea sy	voiten		70	
eyes, discharge from eyes				
12. Omwana okalambala Infant is rigid	1	2	96	
13.Okwidhukana Diarrhea	1	2	96	
14.Ebindi Other (Specify)	1	2	96	
If child experienced at least one reported complication in Qn.107 above 105. Wafuna obwidhandhabi bwa (NAME) bweyali alwaire? <i>Did yo</i> 1. Yes 2. No ( <b>Skip to 116</b> ) 96. Don't Know ( <b>Skip 106</b> ). Wafuna wa obwidhandhabi bwa (NAME) <i>Where did you seek tre</i>	nu seek treatment for p to 116)	r (NAME		
	SEC	QUENCE	E OF CARE	
	1 at	2nd 3	2rd 1th	5+h
Public sector	1st	2nd 3	3rd 4th	5th
Govt. hospital				
Health center B				
Other public (specify) C				
Other public (specify)				
Private Medical Sector				
Private hospital/clinic				
Drug shopE				
Community Traditional healer homeF Other				
107. Ani eyaidhandhaba (NAME)? Who treated / cared for the baby? A Probe for any other person seen and circle all answers given.	anyone else?			
	ner person:			
	ditional birth attend			
	nmunity health wor			
<u> </u>	ditional healer			
	ative/friend			
Oth	er (specify)			8

How much time af	weyalwala wabitawo ibhanga kyi ter illness started, was NAME first ta Y AFTER THEN WRITE 00 IN HO	ken outside the home for c	
Hours	Days	96. Don't	Know
109. Bwoba nga t did you do?	iwafuna bwidhandhabi wantu wo	nawona, wakolawo kyi?	If you did not seek care outside the home, what
1.	Gave herbal medicine at home		5. Others (specify)
2.	Gave western medicine that was in home	the	
3.	Continued with usual care at home		
110. (NAME) yali	Consulted neighbor ku nobuzibu bwonabwona oluvanyu ) have any problems after the first ma 2. No Skip to 11	onth?	nga?
111 Oba vii buz	tibu kyi bweyali nabwo? <i>If yes, wh</i>	at were the problems?	
	very weak/inactive	7.	Baby yellow in colour
2. Baby	s body feeling hot	8.	Difficulties in sleeping
	having difficulty in breast feeding	9.	Episodes of excessive crying
	culty in breathing res/convulsions		. Problems with feeding/swallowing . Others (specify)
	small/Failure to thrive	11	. Others (specify)
birth?		emeka okumujjanjabwa? H	low many times in total has baby been sick since  low many times has baby been taken to health
114. Omwaana	yakaweebwa ekitanda mulwaliro en	nirundi emeka? How many	times has baby been admitted since birth?
115. Omwaana	a onno akali mulwaiire? Is the baby	still sick? Yes	1 No2 ( <b>SKIP to 120</b> )
•	at other people because of his/her illi	ness prefer to avoid him/he	r?
Yesl N	No2 DK96		
117. Current anthro	pometric measurements:		
i,Weight	Kgs ii, Heightcm	iii, Weight for height	
iv, Head circumfere	ence cm v,	MUAC	
-			EIGHED LESS THAN 2.5KG AT BIRTH OR bies smaller than average will be asked)
	nzalibwa nga emyezi gyiweireyo? Yes ( <b>Skip to 123</b> ) 2.	Was (Name) born at term. No 96. Don't know (	
	anga lyali likaali, emyeezi/wiiki ii was (name) born? Months		If no, how many months/weeks before the
	omuwii wamageezi yakukyalira e ny times were you visited by the CHW		okukuwa kumagezi nga omaze okuzaala? <i>In</i>
	mwaana wo yali mutono inho, wa because your baby was small? 2. No	jya mwilwaliro emirund	i egiweraku? Did you make extra visits to the

information on how to care for small. Yes 2.	all babies by CHW/perso			o! were you given any
123. Yakuwa mageezi kyi? What were		entioned)		
1. More frequent breastfeeding		5.	Extra PNC visits	
2. Skin-to-skin care/KMC		6.	Other (Specify) _	
3. Delay first bath for a week or l	longer			96. Don't remember
4. Took baby to health facility				
124. Mule owulira nga amageezi gel you received was beneficial to help 1. Yes 2. No	you care for the baby w		waana wo bulung	i? Do you feel the information
125. Wasobola okola ebyo byonabyo 1. Yes ( <b>Skip to 136</b> 126. Oba bbe, lwaaki? Nhinongolak	6) 2. No	a? Were you a	ble to do all that yo	u were told?
Olwokuba (NAME) yali mutoono i Because your baby was small, was 1. Yes 2. No 96. I 127. (NAME) yafunaku obwidhandh Care (KMC) at a health facility (Pale 1. Yes 2. No 1.	s [NAME] taken to a hea DK abi obwendhawulo bw robe: by KMC I mean	lth facility for rebeta KMC l	special care? xwilwaliro? Did (N	
128.Nga omaze okuzaala, wabitawo the birth of (Name) did the KMC st Hours after birth1 Days after birth2 Weeks after birth3 Don't Know 96				
129. Ibhanga kyi lyewamala nga oko the health facility?	ola KMC mwilwaliro?	For how man	y hours, days or wee	eks did (NAME) receive KMC in
If less than one day, record hours	s, If more than one day	, record days.		
Hours after birth1				
Days after birth2				
Weeks after birth3 Don't Know 96				
130.Ibhanga kyi lyewamala nga ogy at home?  Hours after birth1  Days after birth2  Weeks after birth 3  Don't Know 96	va mumaiso nenkola en	oo eya KMC o	ewaka? For how lo	ong did you continue with KMC
Thank the respondent	END TIME:			