

Module 5a: Care of the newborn (FOR NEONATAL DEATHS < 28 DAYS OLD)

Read: Now I would like to ask you about the care of the newborn child.

S5a.1	What tool was used for cutting the cord?	1. New/from delivery kit/boiled razor blade 2. Old razor blade 3. Scissors 4. Other (<i>specify</i>)..... 9. Don't know	<input type="checkbox"/> <hr style="width: 80%; margin-left: auto; margin-right: 0;"/>																																										
S5a.2	What material was used for tying the cord?	1. Clean/from delivery kit/boiled piece of thread 2. Unclean piece of thread 3. Cord clamp 4. Other (<i>specify</i>)..... 9. Don't know	<input type="checkbox"/> <hr style="width: 80%; margin-left: auto; margin-right: 0;"/>																																										
S5a.3	Was anything applied to the umbilical cord stump after birth?	1. Yes 2. No 9. Don't know	<input type="checkbox"/> 2 or 9 → SQ5a.4																																										
S5a.3 .1	What was it?	1. Alcohol/other antiseptic 2. Antibiotic ointment/cream/powder 3. Mustard oil or ghee 4. Animal dung or dirt/mud 5. Other (<i>specify</i>)..... 9. Don't know	<input type="checkbox"/> <hr style="width: 80%; margin-left: auto; margin-right: 0;"/>																																										
S5a.4	How long after birth was the baby first bathed?	1. Less than 1 hour 2. 1-23 hours 3. 24-72 hours (1-3 days) 4. More than 72 hours (3 days) 5. Not bathed 9. Don't know	<input type="checkbox"/>																																										
S5a.5	Was anything done to keep the baby warm on the first day after birth?	1. Yes 2. No 9. Don't know	<input type="checkbox"/> 2 or 9 → SQ5a.6																																										
S5a.5 .1	What was done? <i>[Multiple answers allowed.]</i> <i>For each mentioned, ask: How soon after birth was this done?</i>	1. Dried/wiped 2. Wrapped in a blanket 3. Skin-to-skin contact..... 4. Incubator 5. Other <i>(specify other)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;"><u>Done</u></td> <td colspan="5" style="text-align: center;"><u>How soon after birth</u></td> </tr> <tr> <td></td> <td style="text-align: center;"><small><1hr</small></td> <td style="text-align: center;"><small><6</small></td> <td style="text-align: center;"><small>6-24</small></td> <td style="text-align: center;"><small>>24</small></td> <td style="text-align: center;"><small>DK</small></td> </tr> <tr> <td>1. <input type="checkbox"/> ...</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">3. <input type="checkbox"/></td> <td style="text-align: center;">4. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td>2. <input type="checkbox"/> ...</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">3. <input type="checkbox"/></td> <td style="text-align: center;">4. <input type="checkbox"/></td> <td style="text-align: center;">8. <input type="checkbox"/></td> </tr> <tr> <td>3. <input type="checkbox"/> ...</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">3. <input type="checkbox"/></td> <td style="text-align: center;">4. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td>4. <input type="checkbox"/> ...</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">3. <input type="checkbox"/></td> <td style="text-align: center;">4. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td>5. <input type="checkbox"/> ...</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">3. <input type="checkbox"/></td> <td style="text-align: center;">4. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> </table> <hr style="width: 80%; margin-left: auto; margin-right: 0;"/>	<u>Done</u>	<u>How soon after birth</u>						<small><1hr</small>	<small><6</small>	<small>6-24</small>	<small>>24</small>	<small>DK</small>	1. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>	2. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	8. <input type="checkbox"/>	3. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>	4. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>	5. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>
<u>Done</u>	<u>How soon after birth</u>																																												
	<small><1hr</small>	<small><6</small>	<small>6-24</small>	<small>>24</small>	<small>DK</small>																																								
1. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>																																								
2. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	8. <input type="checkbox"/>																																								
3. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>																																								
4. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>																																								
5. <input type="checkbox"/> ...	1. <input type="checkbox"/>	2. <input type="checkbox"/>	3. <input type="checkbox"/>	4. <input type="checkbox"/>	9. <input type="checkbox"/>																																								
S5a.6	Did (you / the mother) or a wet nurse ever breastfeed the baby?	1. Yes 2. No 9. Don't know	<input type="checkbox"/> 2 or 9 → SQ5a.7																																										
S5a.6 .1	How long after birth was the baby first put to the breast? <i>[If immediately or less than 1 hour, record '00' hours.]</i> <i>[If less than 24 hours, record hours; otherwise record days.]</i>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"> ____ Days (DK = 99) </td> <td style="width: 10%; text-align: center; vertical-align: middle;">OR</td> <td style="width: 40%; text-align: center;"> ____ Hours (DK = 99) </td> </tr> </table>	____ Days (DK = 99)	OR	____ Hours (DK = 99)																																							
____ Days (DK = 99)	OR	____ Hours (DK = 99)																																											
S5a.6 .2	Was the baby being breastfed at the time when the fatal illness began?	1. Yes 2. No 9. Don't know	<input type="checkbox"/>																																										

Study ID#

Village/Cluster				HH		Child			

**CHILD HEALTH EPIDEMIOLOGY REFERENCE GROUP
SB/NN/CHILD SOCIAL AUTOPSY QUESTIONNAIRE**

S5a.7	<p>At the time the fatal illness began, was the baby being given any other liquid, including non-human milk or formula, fruit juice, tea or water, or any semisolid or soft foods such as cereal?</p> <p><i>[Multiple answers allowed. Probe, and record all liquids and foods given.]</i></p>	<ol style="list-style-type: none"> 1. Non-human milk or pre-mixed formula.. 2. Powdered formula mixed with a liquid... 3. Juice, water and/or water-based drinks. 4. ORS..... 5. Drops or syrups (vitamins, medicines) 6. Semi-solid or soft foods..... 7. Nothing else, <u>only</u> given breast milk..... 9. Don't know..... 	<ol style="list-style-type: none"> 1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. <input type="checkbox"/> 4. <input type="checkbox"/> 5. <input type="checkbox"/> 6. <input type="checkbox"/> 7. <input type="checkbox"/> 9. <input type="checkbox"/> 												
S5a.8	<p>Check SQ4.17 to determine if the baby was born in a health facility (codes 1-2):</p>	<ol style="list-style-type: none"> 1. Yes, born in a health facility 2. Not born in a health facility 9. Don't know 	<input type="checkbox"/> 2 or 9 → SQ5a.10												
S5a.8 .1	<p>Did the baby leave the delivery facility alive or did s/he die in the facility?</p>	<ol style="list-style-type: none"> 1. Yes, left alive 2. Died in the facility 9. Don't know 	<input type="checkbox"/> 2 or 9 → SQ6.1												
S5a.8 .2	<p>How soon after birth did the baby leave the facility?</p> <p><i>[Mark hours if less than 1 day. Mark days if 1 day or more.]</i></p>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: right;"> ___ ___ Days (DK = 99) </td> <td style="width: 5%; text-align: center; vertical-align: middle;">OR</td> <td style="width: 35%; text-align: left;"> ___ ___ Hours (DK = 99) </td> </tr> </table>	___ ___ Days (DK = 99)	OR	___ ___ Hours (DK = 99)									
___ ___ Days (DK = 99)	OR	___ ___ Hours (DK = 99)													
S5a.8 .3	<p>Was the child examined by a health worker prior to discharge?</p>	<ol style="list-style-type: none"> 1. Yes 2. No 9. Don't know 	<input type="checkbox"/>												
S5a.9	<p>Did (you / the mother) receive any counselling by a health worker prior to discharge?</p>	<ol style="list-style-type: none"> 1. Yes 2. No 9. Don't know 	<input type="checkbox"/> 2 or 9 → SQ5a.10												
S5a.9 .1	<p>What (were you / was she) counselled on?</p> <p><i>[Multiple answers allowed].</i></p> <p><i>Probe: Anything else?</i></p>	<ol style="list-style-type: none"> 1. Breastfeeding..... 2. Immunization..... 3. Post-natal care attendance..... 4. Danger signs of newborn illness..... 5. Other (specify) 9. Don't know 	<ol style="list-style-type: none"> 1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. <input type="checkbox"/> 4. <input type="checkbox"/> 5. <input type="checkbox"/> 9. <input type="checkbox"/> 												
S5a.10	<p>Was the baby ever seen by a health worker or nurse at home or in the community, or by a doctor or nurse at a health facility <u>before</u> the fatal illness began?</p> <p><i>[Multiple answers allowed.]</i></p> <p><i>For each mentioned, ask: How many times was the baby seen by a <PROVIDER TYPE at PLACE> before the fatal illness began?</i></p> <p><i>Then ask: When was the baby first seen by (this / <u>any</u> of these) provider(s)?</i></p>	<ol style="list-style-type: none"> 1. CHW/nurse at home or in community ... 2. Doctor/nurse at a health facility..... 3. Never seen..... 9. Don't know..... 	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%; text-align: center;">Seen</th> <th style="width: 25%; text-align: center;">Times</th> <th style="width: 50%; text-align: center;">First visit</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ol style="list-style-type: none"> 1. <input type="checkbox"/> ... 2. <input type="checkbox"/> ... 3. <input type="checkbox"/> 9. <input type="checkbox"/> </td> <td style="vertical-align: top;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table> </td> <td style="vertical-align: top;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">___</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table> <p style="font-size: small;">Days old (<1 = 00; DK = 99)</p> </td> </tr> </tbody> </table>	Seen	Times	First visit	<ol style="list-style-type: none"> 1. <input type="checkbox"/> ... 2. <input type="checkbox"/> ... 3. <input type="checkbox"/> 9. <input type="checkbox"/> 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table>	___	___	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">___</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table> <p style="font-size: small;">Days old (<1 = 00; DK = 99)</p>	___	___
Seen	Times	First visit													
<ol style="list-style-type: none"> 1. <input type="checkbox"/> ... 2. <input type="checkbox"/> ... 3. <input type="checkbox"/> 9. <input type="checkbox"/> 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> <tr> <td style="width: 50%; text-align: right;">.....</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table>	___	___	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">___</td> <td style="width: 50%; text-align: left;">___</td> </tr> </table> <p style="font-size: small;">Days old (<1 = 00; DK = 99)</p>	___	___							
.....	___														
.....	___														
___	___														

Study ID#

Village/Cluster				HH		Child			

**CHILD HEALTH EPIDEMIOLOGY REFERENCE GROUP
SB/NN/CHILD SOCIAL AUTOPSY QUESTIONNAIRE**

S5a.11	<p>Before the fatal illness began, did <NAME> suffer from any of the following known conditions:</p> <p><i>[Read out all conditions and check "Yes," "No" or "Don't know" for each.]</i></p> <p><i>If "Yes," then ask: Was s/he provided any treatment for this condition?</i></p>	<ol style="list-style-type: none"> 1. Preterm birth <ol style="list-style-type: none"> a. Was s/he given special nutrition? ... b. Was s/he given "kangaroo care"? ... 2. Malformation (from the time of birth): <ol style="list-style-type: none"> a. Head, neck and/or back b. Mouth/palate c. Heart d. Arms and/or legs 3. Other <p style="text-align: center;"><i>(specify other).....</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Suffered from</th> <th colspan="3" style="text-align: center;">Treatment</th> </tr> <tr> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th style="text-align: center;">DK</th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> <th style="text-align: center;">DK</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">1. <input type="checkbox"/></td> <td style="text-align: center;">2. <input type="checkbox"/></td> <td style="text-align: center;">9. <input type="checkbox"/></td> </tr> </tbody> </table>	Suffered from			Treatment			Yes	No	DK	Yes	No	DK	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>
Suffered from			Treatment																																																
Yes	No	DK	Yes	No	DK																																														
1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
.....	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
.....	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
.....	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
.....	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
.....	1. <input type="checkbox"/>	2. <input type="checkbox"/>	9. <input type="checkbox"/>																																														
Inst_1 → SQ6.1																																																			