

Maternal and Newborn Quality of Care Survey

L&D Observation Checklist

Q14: Client is admitted for:	Labor and delivery	1	→ GO TO SECTION 1 TO BEGIN THE OBSERVATION
	Complication	2	
Q15: Where is client coming from:	Other health facility	1	
	ANC ward at this facility	2	
	Home/someplace else	3	
Q16: Type of complication	Postpartum hemorrhage	1	→ GO TO PPH CHECKLIST TO BEGIN THE OBSERVATION
	Pre-eclampsia/eclampsia	2	→ GO TO PE/E CHECKLIST TO BEGIN THE OBSERVATION

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Section 1: Initial Client Assessment				
Question	Yes	No	DK	Go to
Q100: Was this section observed?	1	0		No → Q200
<i>PLEASE ANSWER Q100 BEFORE PROCEEDING; WAS THIS SECTION OBSERVED? IF SECTION NOT OBSERVED, SKIP TO NEXT SECTION.</i>				
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER)</i>				
INTRODUCTION AND HISTORY TAKING				
Q101: Respectfully greets the pregnant woman	1	0	8	
Q102: Encourages the women to have a support person present during labor and birth	1	0	8	
Q103: Asks woman (and support person) if she has any questions	1	0	8	
Q104: Checks client card OR asks client her age, length of pregnancy, and parity	1	0	8	
Q105: Asks whether she has experienced any of the following for current pregnancy:				
01) Vaginal bleeding	1	0	8	
02) Fever	1	0	8	
03) Severe headaches and/or blurred vision	1	0	8	
04) Swollen face or hands	1	0	8	
05) Convulsions or loss of consciousness	1	0	8	
06) Severe difficulty breathing	1	0	8	
07) Persistent cough for 2 weeks or longer	1	0	8	
08) Severe abdominal pain	1	0	8	
09) Whether the client has felt a decrease or stop in fetal movement	1	0	8	
10) If there are any other problems the client is concerned about	1	0	8	
Q106: Checks woman's HIV status (checks card or asks woman)	1	0	8	
Q107: Offers woman HIV test if status unknown	1	0	8	
Q108: Is woman HIV positive? (<i>observer: listen and record answer; circle Don't Know if status is unknown or is not discussed.</i>)	1	0	8	No/DK → Q110
Q109: Asks about or counsels on the following topics for HIV positive mothers:				
01) Asks if client is currently taking ARVS	1	0	8	No/DK → Q109_02
02) Explains why the mother should take ARVs	1	0	8	
03) Explains when and how the mother should take ARVs	1	0	8	
04) Administers ARVs to mother	1	0	8	
05) Explains why the newborn should take ARVs	1	0	8	
06) Explains when and how newborn should take ARVs	1	0	8	
Q110: Client has any previous pregnancies? (<i>observer: listen and record answer</i>)	1	0	8	No/DK → Q112
Q111: Asks about complications during previous pregnancies:				
01) Heavy bleeding during or after delivery	1	0	8	
02) Anemia	1	0	8	
03) High blood pressure	1	0	8	
04) Convulsions	1	0	8	
05) Multiple pregnancies (twins or above)	1	0	8	
06) Prolonged labour	1	0	8	
07) C-section	1	0	8	
08) Assisted delivery (forceps, vacuum extraction)	1	0	8	
09) Prior neonatal death (death of baby less than 1 month old)	1	0	8	
10) Prior stillbirth (baby born dead that does not breathe or cry)	1	0	8	
11) Prior abortion/miscarriage (loss of pregnancy)	1	0	8	
EXAMINATION				
Q112: Washes his/her hands with soap and water or uses alcohol hand rub before any initial examination	1	0	8	
Q113: Explains procedures to woman (support person if present or if situation allows) before proceeding	1	0	8	
Q114: Takes temperature	1	0	8	
Q115: Takes pulse	1	0	8	
Q116: Takes blood pressure	1	0	8	No/DK → Q117
01) Take client's blood pressure in sitting or lateral position	1	0	8	
02) Take blood pressure with arm at heart level	1	0	8	
Q117: Asks/notes amount and colour of urine output	1	0	8	

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Q118: Tests urine for presence of protein	1	0	8
Q119: Performs general examination (e.g. for anemia, edema)	1	0	8
Q120: Performs the following steps for abdominal examination:			
01) Checks fundal height with measuring tape	1	0	8
02) Checks fetal presentation by palpation of abdomen	1	0	8
03) Checks fetal heart rate with fetoscope/doppler/ultrasound	1	0	8
Q121: Wash her/his hands with soap and water or uses alcohol hand rub before vaginal examination	1	0	8
Q122: Wears sterile gloves for vaginal examination			
Q123: Informs the woman what will happen before conducting vaginal examination			
Q124: Performs vaginal examination	1	0	8
Q125: Informs pregnant woman of findings	1	0	8
Q126: Was this woman referred for a c-section	1	0	No → Q200
Q127: Cause of referral	Code		
	Obstructed Labor	A	
	Pre-eclampsia/eclampsia	B	
	Placenta previa	C	
	Previous c-section scar	D	
	Fetal distress	E	
	Cord prolapse	F	
	Other	X	
END OF SECTION 1			

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Section 2: Intermittent Observation of First Stage of Labor				
Question	Yes	No	DK	Go to
Q200: Was this section observed?	1	0		No → Q300
<i>PLEASE ANSWER Q200 BEFORE PROCEEDING: WAS THIS SECTION OBSERVED? IF SECTION NOT OBSERVED, SKIP TO NEXT SECTION.</i>				
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER)</i>				
PROGRESS OF LABOR				
Q201: At least once, explains what will happen in labor to woman (support person if present)	1	0	8	
Q202: At least once, encourages woman to consume fluids/food during labor	1	0	8	
Q203: At least once, encourages/assists woman to ambulate and assume different positions during labor	1	0	8	
Q204: Observer: Is a support person present at some point during labor?	1	0	8	
Q205: Partograph used to monitor labor	1	0		No → Q211
Q206: Action line on partograph reached	1	0	8	No/DK → Q211
Q207: Record time action line was reached				
Q208: If action line reached on partograph, was any <u>definitive</u> action taken?	1	0	8	No/DK → Q211
Q209: Record time action was taken				
Q210: What definitive action was taken:	Code			
Consult with specialist	1			
Refer to other facility for specialist	2			
Prepare for assisted delivery	3			
Prepare for c-section	4			
Other (specify _____)	6			
EXAMINATION & PROCEDURES				
Question	Yes	No	DK	Go to
Q211: Puts on clean protective clothing in preparation for birth (goggles, gown or apron)	1	0	8	
Q212: Washes his/her hands with soap and water or uses alcohol hand rub prior to any examination of woman	1	0	8	
Q213: Wears sterile surgical gloves	1	0	8	
Q214: Drapes woman (one drape under buttocks, one over abdomen)	1	0	8	
Q215: Explains procedures to woman (support person) before proceeding	1	0	8	
Q216: Number of vaginal examinations (<i>observer: to the best of your ability, update the answer to this question during intermittent observation of first stage of labor</i>)				
Q217: Augments labor with oxytocin	1	0	8	No/DK → Q218
Q218: Oxytocin administered intravenously (IV)	1	0	8	
Q219: Performs artificial rupture of membrane	1	0	8	
Q220: Administers antibiotics	1	0	8	No/DK → Q223
Q221: Why were antibiotics administered?	Code			
Treatment for chorioamnionitis	1			
Management of pre-labor rupture of membranes	2			
Preparation for C-section	3			
Routine/prophylactic	4			
Don't know	8			
Q222: Which antibiotic was administered? (CIRCLE ALL THAT APPLY)				
Penicillin	A			
Ampicillin	B			
Gentamicin	C			
Metronidazole	D			
Cephalosporin	E			
Other	X			
Don't know	Z			
PREPARATION FOR DELIVERY				
<i>CHECK TO SEE IF THE FOLLOWING EQUIPMENT AND SUPPLIES ARE LAID OUT IN PREPARATION FOR DELIVERY. IF SOME SUPPLIES ARE IN A BIRTH KIT, LOOK/ASK TO DETERMINE WHICH ITEMS ARE INCLUDED.</i>				
Question	Yes	No	DK	Go to
Q223: Prepares uterotonic drug to use for AMTSL	1	0	8	No/DK → Q225

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Q224: Which drug		Code		
	Oxytocin	1	0	8
	Ergometrine	1	0	8
	Syntometrine	1	0	8
	Misoprostol	1	0	8
Question		Yes	No	DK Go to
Q225: Timer (clock or watch with seconds hand)		1	0	8
Q226: Self-inflating ventilation bag (250 or 500 mL)		1	0	8
Q227: Newborn face mask size 0		1	0	8
Q228: Newborn face mask size 1		1	0	8
Q229: Suction bulb		1	0	8
Q230: Catheter		1	0	8
Q231: Suction machine		1	0	8
Q232: At least two cloths/blankets (one to dry; one to cover)		1	0	8
Q233: Cap/hat for the newborn		1	0	8
Q234: Disposable cord ties or clamps		1	0	8
Q235: Sterile scissors or blade		1	0	8
Q236: Was this woman referred for a c-section		1	0	No → Q238
Q237: Cause of referral		Code		
	Obstructed Labor	A		
	Pre-eclampsia/eclampsia	B		
	Placenta previa	C		
	Previous c-section scar	D		
	Fetal distress	E		
	Cord prolapse	F		
Q238: Has the woman completed the first stage of labor?		1	0	Yes → Q300
<i>IF FIRST STAGE OF LABOR IS NOT COMPLETE, CHECK ANSWERS IN THIS SECTION AGAIN 15-30 MINUTES LATER</i>				
END OF SECTION 2				

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Section 3: Continuous Observation of Second & Third Stage of Labor				
Question	Yes	No	DK	Go to
Q300: Was this section observed?	1	0		No → Q400
<i>PLEASE ANSWER Q300 BEFORE PROCEEDING: WAS THIS SECTION OBSERVED? IF SECTION NOT OBSERVED, SKIP TO NEXT SECTION.</i>				
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER).</i>				
PREPARATION FOR DELIVERY				
Q301: Puts on clean protective clothing in preparation for birth (goggles, gown or apron) <i>(yes if no contamination)</i>	1	0	8	
Q302: Washes his/her hands with soap and water or uses alcohol hand rub before any examination of woman <i>(observer: circle yes if no contamination)</i>	1	0	8	
Q303: Wears sterile surgical gloves <i>(yes if no contamination)</i>	1	0	8	
Q304a: Performs episiotomy if indicated	1	0	8	
Q304b: States correct indication for episiotomy	1	0	8	
Q305: Presentation of baby is cephalic (head first)	1	0	8	
DELIVERY & UTEROTONIC				
Q306: As baby's head is delivered, supports perineum	1	0	8	
Q307: Record time of the delivery of the baby				
Q308: Checks for another baby prior to giving the uterotonic	1	0	8	
Q309: Second baby present? <i>(observer: circle 1 if multiple babies)</i>	1	0		
Q310: Administers uterotonic?	1	0		No → Q317
Q311: Record time uterotonic given				
Q312: Timing of administration of uterotonic	Code			
	At delivery of anterior shoulder	1		
	Within 1 min of delivery of baby	2		
	Within 3 min of delivery of baby	3		
	More than 3 min after delivery of baby	4		
Q313: Which uterotonic given				
	Oxytocin	1		
	Ergometrine	2		
	Syntometrine	3		
	Misoprostol	4		
Q314: Record dose of uterotonic given <i>(observer: if necessary, ask afterwards)</i>				
Q315: Units of medication <i>(observer: if necessary, ask afterwards)</i>				
	IU	1		
	mg	2		
	mL	3		
	mcg	4		
Q316: Route uterotonic given:				
	IM	1		
	IV	2		
	Oral	3		
	Other	4		
Q317: Record time the cord was clamped				
Question	Yes	No	DK	
Q318: Applies traction to the cord while applying suprapubic counter traction	1	0	8	
Q319: Performs uterine massage immediately following the delivery of the placenta	1	0	8	
Q320: Was placenta delivered before administration of uterotonic? <i>(observer: circle Don't Know if no uterotonic was given)</i>	1	0	8	
Q321: Assesses completeness of the placenta and membranes	1	0	8	
Q322: Assesses for perineal and vaginal lacerations	1	0	8	
Q323: Observer: Did more than one health worker assist with the birth?	1	0		
Q324: Observer: Did mother gave birth in lithotomy position (on back)	1	0		
Q325: Observer: Is a support person (companion) for mother present at birth?	1	0		

END OF SECTION 3

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Section 4: Immediate Newborn and Postpartum Care			
Question	Yes	No	Go to
Q400: Was this section observed?	1	0	No → Q601
<i>PLEASE ANSWER Q400 BEFORE PROCEEDING: WAS THIS SECTION OBSERVED? IF SECTION NOT OBSERVED, SKIP TO NEXT SECTION.</i>			
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER)</i>			
IMMEDIATE CARE			
Q401: Immediately dries baby with towel	1	0	8
Q402: Discards the wet towel	1	0	8
Q403: Is the baby breathing or crying?	1	0	No → Q500
<i>IF BABY IS NOT BREATHING OR CRYING, GO TO RESUSCITATION CHECKLIST (SECTION 5)</i>			
Q404: Places baby on mother's abdomen "skin to skin"	1	0	8
Q405: Covers baby with dry towel	1	0	8
Q406: If not placed skin to skin, wraps baby in dry towel	1	0	8
Q407: Ties or clamps cord when pulsations stop, or by 2-3 minutes after birth (not immediately after birth)	1	0	8
Q408: Cuts cord with sterile blade or sterile scissors	1	0	8
Q409: Observer: Is a support person (companion) for mother present?	1	0	
HEALTH CHECK			
Q410: Checks baby's temperature 15 minutes after birth	1	0	8
Q411: Checks baby's skin color 15 minutes after birth	1	0	8
Q412: Takes mother's vital signs 15 minutes after birth	1	0	8
Q413: Palpates uterus 15 minutes after delivery of placenta	1	0	8
FIRST HOUR AFTER BIRTH			
Q414: Mother and newborn kept in same room after delivery (rooming-in)	1	0	8
Q415: Baby bathed within the first hour after birth	1	0	8
Q416: Baby kept skin to skin with mother for the first hour after birth	1	0	8
Q417: observe breastfeeding initiated within the first hour after birth	1	0	8
Q418: Provides tetracycline eye ointment 1% prophylaxis	1	0	8
Q419: Administers Vitamin K to newborn	1	0	8
Q420: Is the mother HIV positive? (observer: listen and record answer; circle Don't Know if status is unknown or is not discussed)	1	0	8 No/DK → Q422
Q421: Administers ARVs to newborn	1	0	8
Q422: Administers antibiotics to mother postpartum if indicated	1	0	8 No/DK → Q425
Q423: Why were antibiotics administered?	Code		
Treatment for chorioamnionitis	1		
Routine/prophylactic	2		
Third stage/postpartum procedure	3		
Don't know	8		
Q424: Which antibiotic was administered? (CIRCLE ALL THAT APPLY)			
Penicillin	A		
Ampicillin	B		
Gentamicin	C		
Metronidazole	D		
Cephalosporin	E		
Other	X		
Don't know	Z		
CLEAN-UP AFTER BIRTH			
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER)</i>			
Question	Yes	No	Go to
Q425: Disposes of all sharps in a puncture-proof container immediately after use	1	0	8
Q426: Decontaminates all reusable instruments in 0.5% chlorine solution	1	0	8
Q427: Sterilizes or uses high-level disinfection for all reusable instruments	1	0	8
Q428: Disposes of all contaminated waste in leak-proof containers	1	0	8
Q429: Removes apron and wipe with chlorine solution	1	0	8
Q430: Washes his/her hands with soap and water or uses alcohol hand rub	1	0	8

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CLEAN-UP AFTER NEWBORN RESUSCITATION			
Q431: Was there a newborn resuscitation? (<i>observer: check answer to Q500</i>)	1	0	No → Q439
Q432: Disposes of disposable suction catheters and mucus extractors in a leak-proof container or plastic bag	1	0	8
Q433: Takes the bag and mask apart and inspects for cracks and tears	1	0	8
Q434: Decontaminates the bag and mask in 0.5% chlorine solution	1	0	8
Q435: Sterilizes or uses high-level disinfection for bag, valve and mask	1	0	8
Q436: Decontaminates reusable suction devices in 0.5% chlorine solution	1	0	8
Q437: Sterilizes or uses high-level disinfection for reusable suction devices	1	0	8
Q438: Washes his/her hands with soap and water or uses alcohol hand rub	1	0	8
Q439: Record time L&D observation ended			
REMEMBER TO THANK CLIENT AND PROVIDER FOR THEIR PARTICIPATION IN THE STUDY			
END OF SECTION 4 - Go to SECTION 600			

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Section 5: Checklist for Newborn Resuscitation				
Question	Yes	No	DK	Go to
Q500: Was this section observed?	1	0		No → Q600
<i>PLEASE ANSWER Q500 BEFORE PROCEEDING: WAS THIS SECTION OBSERVED? IF SECTION NOT OBSERVED, SKIP TO NEXT SECTION.</i>				
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER)</i>				
Q501: Record time resuscitation started				
Q502: Clears the airway by suctioning the mouth first and then the nose	1	0	8	
Q503: Stimulates baby with back rubbing	1	0	8	
Q504: OBSERVER: does newborn starts to breathe or cry spontaneously?	1	0		Yes→Q531
Q505: Calls for help	1	0	8	
Q506: Ties or clamps cord immediately	1	0	8	
Q507: Cuts cord with sterile blade or sterile scissors	1	0	8	
Q508: Places the newborn on his/her back on a clean, warm surface or towel	1	0	8	
Q509: Places the head in a slightly extended position to open the airway	1	0	8	
Q510: Tells the woman (and her support person) what is going to be done	1	0	8	
Q511: Listens to the woman and provides support and reassurance	1	0	8	
Q512: Checks mouth, back of throat and nose for secretions, and clears if necessary	1	0	8	
Q513: Places the correct-sized mask on the newborn's face so that it covers the chin, mouth and nose (but not eyes)	1	0	8	
Q514: Checks the seal by ventilating two times and observing the rise of the chest	1	0	8	
Q515: OBSERVER: is newborn's chest rising in response to ventilation?	1	0		Yes→Q524
Q516: Checks the position of the newborn's head to make sure that the neck is in a slightly extended position (not blocking the airway)	1	0	8	
Q517: Checks mouth, back of throat and nose for secretions, and clears if necessary	1	0	8	
Q518: Checks the seal by ventilating two times and observing the rise of the chest	1	0	8	
Q519: OBSERVER: is newborn's chest rising in response to ventilation?	1	0		Yes→Q524
Q520: Checks the position of the newborn's head again to make sure that the neck is in slightly extended position	1	0	8	
Q521: Repeats suction of mouth and nose to clear secretions, if necessary	1	0	8	
Q522: Checks the seal by ventilating two times and observing the rise of the chest	1	0	8	
Q523: OBSERVER: is newborn's chest rising in response to ventilation?	1	0		
<i>IF NEWBORN'S CHEST IS NOT RISING AFTER TWO ATTEMPTS TO READJUST, OBSERVER SHOULD CALL FOR SUPERVISOR TO INTERVENE. IF A HEALTH WORKER COMPETENT IN RESUSCITATION IS NOT AVAILABLE, OBSERVER MAY CHOOSE TO INTERVENE.</i>				
Q524: Ventilates at a rate of 30 to 50 breaths/minute	1	0	8	
Q525: Conducts assessment of newborn breathing after 1 minute of ventilation	1	0		No→Q527
Q526: Condition of newborn at assessment	Code			
Respiration rate 30-50 breaths/minute and no chest indrawing	1			→Q531
Respiration rate <30 breaths/minute with severe indrawing	2			
No spontaneous breathing	3			
	Yes	No	DK	Go to
Q527: Continues Ventilation	1	0		No→Q531
Q528: Conducts assessment of newborn breathing after prolonged ventilation (10 minutes)	1	0		No→Q530
Q529: Condition of newborn at assessment	Code			
Respiration rate 30-50 breaths/minute and no chest indrawing	1			→Q531
Respiration rate <30 breaths/minute with severe indrawing	2			
No spontaneous breathing	3			
	Yes	No	DK	Go to
Q530: Continues Ventilation	1	0		
Q531: Record time that resuscitation actions ended (or time of death if baby died)				
Q532: Was the resuscitation successful? (<i>observer: circle No if newborn died</i>)	1	0		
Q533: Arranges transfer to special care either in facility or to outside facility	1	0	8	
Q534: Explains to the mother (and her support person if available) what happened	1	0	8	
Q535: Listens to mother and responds attentively to her questions and concerns	1	0	8	

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Q536: Observer: Did you call for help or intervene during the resuscitation to save the life of newborn?	1	0
<p>Q537: <i>PLEASE COMMENT ON THE QUALITY OF CARE PROVIDED:</i> <i>Was mother treated respectfully? Informed of procedures to her baby? Was the situation chaotic or calm? Were there any major delays in needed treatment? If so, for what drugs/procedures and why? Were multiple health workers involved? Who? If newborn did not survive, describe the circumstances. Was the mother counseled about the death of newborn?</i></p>		
<p>END OF SECTION 5 – RETURN TO SECTION 4, Q409</p>		

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Section 6: Outcome & Review of Documentation				
Question	Code			
<i>COMPLETE THIS SECTION FOR ALL CLIENTS</i>				
CONDITION OF MOTHER & NEWBORN AT END OF OBSERVATION				
<i>RECORD THE STATUS OF MOTHER AND NEWBORN AT THE END OF FIRST HOUR AFTER BIRTH.</i>				
Q601: Record outcome for the mother				
Goes to recuperation ward	1			
Referred to specialist, same facility	2			
Goes to surgery, same facility	3			
Referred, other facility	4			
Death of mother	5			
Don't know	8			
Q602: Record outcome for the newborn or fetus				
Goes to normal nursery	1			
Referred to specialist, same facility	2			
Referred, other facility	3			
Goes to ward with mother	4			
Newborn death	5			
Fresh stillbirth	6			
Macerated stillbirth	7			
Don't know	8			
POTENTIALLY HARMFUL PRACTICES				
Q603: Did you see any of the following harmful or inappropriate practices by health workers that are never indicated (CIRCLE ALL THAT APPLY)				
Use of enema	A			
Public shaving	B			
Apply fundal pressure to hasten delivery of baby or placenta	C			
Lavage of uterus after delivery	D			
Slap newborn	E			
Hold newborn upside down	F			
Milking the newborn's chest	G			
Stretching of the perineum	H			
Shout, insult or threaten the woman during labor or after	I			
Slap, hit or pinch the woman during labor or after	J			
None of the above	Y			
Q604: Did you see any of the following practices done without an appropriate indication (CIRCLE ALL THAT APPLY)				
Manual exploration of the uterus after delivery	A			
Use of episiotomy	B			
Aspiration of newborn mouth and nose as soon as head is born	C			
Restrict food and fluids in labor	D			
None of the above	Y			
REVIEW PARTOGRAPH AND/OR CHART FOR COMPLETENESS				
Question	Yes	No	DK	Go to
Q605: Was there a newborn resuscitation? (<i>observer: check answer to Q500</i>)	1	0		No → Q611
<i>EXAMINE CHART TO DETERMINE WHETHER THE HEALTH WORKER RECORDED THE FOLLOWING INFORMATION:</i>				
Q606: Condition of the newborn at birth	1	0	8	
Q607: Procedures necessary to initiate breathing	1	0	8	
Q608: Time from birth to initiation of spontaneous breathing or time of death if unsuccessful	1	0	8	
Q609: Any clinical observations during resuscitation, including baby vital signs	1	0	8	
Q610: Final outcome of resuscitation measures	1	0	8	
<i>EXAMINE PARTOGRAPH IF AVAILABLE</i>				
Q611: was the partograph used to monitor labor?	1	0		No → Q630
Q612: Which partograph used	Code			
Old WHO partograph (latent phase)	1			
New WHO partograph (at 4cm dilatation)	2			

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Question	Other partograph	Yes	No	DK	Go to
Q613: Initiated use of partograph at the appropriate time according to partograph used (New WHO partograph starts at 4 cm; old version starts at 3 cm)	3	1	0	8	
<i>EXAMINE PARTOGRAPH TO DETERMINE WHETHER THE HEALTH WORKER RECORDED THE FOLLOWING INFORMATION WHILE THE WOMAN WAS IN ACTIVE LABOR:</i>					
Q614: Fetal heart rate plotted at least every half hour		1	0	8	
Q615: Cervical dilatation plotted at least every four hours		1	0	8	
Q616: Descent of head plotted at least every four hours		1	0	8	
Q617: Frequency and duration of contractions plotted at least every half hour		1	0	8	
Q618: Maternal pulse plotted at least every half hour		1	0	8	
Q619: BP recorded at least every four hours		1	0	8	
Q620: Temperature recorded at least every two hours		1	0	8	
Q621: OBSERVER: Did you see provider fill out partograph after delivery (with information that should be entered during labor)? (circle Don't Know if partograph use was not observed)		1	0	8	
<i>EXAMINE PARTOGRAPH TO DETERMINE WHETHER THE HEALTH WORKER RECORDED THE FOLLOWING INFORMATION ABOUT THE DELIVERY</i>					
Q622: Birth time		1	0	8	
Q623: Delivery method		1	0	8	
Q624: Birthweight		1	0	8	
DATA EXTRACTION FROM PARTOGRAPH AND/OR CHART					
Q625: Was action line on partograph reached?		1	0	8	No/DK → Q630
Q626: Record time action line was reached					
Q627: If action line reached on partograph, was any <u>definitive</u> action taken?		1	0	8	No/DK → Q630
Q628: Record time action was taken (<i>observer: enter 99:99 if unknown</i>)					
Q629: What definitive action was taken:		Code			
	Consult with specialist	1			
	Refer to other facility for specialist	2			
	Prepare for assisted delivery	3			
	Prepare for c-section	4			
	Other (specify _____)	6			
<i>FOR THE FOLLOWING QUESTIONS: EXAMINE PARTOGRAPH AND/OR CHART TO DETERMINE THE FOLLOWING INFORMATION. IF THE INFORMATION IS NOT IN THE CHART OR PARTOGRAPH, BUT THE OBSERVER KNOWS THE INFORMATION OR PREVIOUSLY RECORDED THE INFORMATION IN ANOTHER SECTION, HE OR SHE SHOULD FILL IN THEIR OWN ANSWER. IF THE INFORMATION IN THE CHART OR PARTOGRAPH DIFFER FROM OBSERVER'S INFORMATION, USE OBSERVER'S INFORMATION.</i>					
Q630: Record age of woman					
Q631: Record the gravidity of the woman					
Q632: Record the parity of the woman <u>prior to this delivery</u>					
Q633: Time of admission to labor ward (<i>observer: enter 99:99 if unknown</i>)					
Q634: Centimeters dilated upon admission to labor ward (<i>observer: enter 99 if unknown</i>)					
Q635: Time membranes ruptured (<i>observer: enter 99:99 if unknown</i>)					
Q636: How did the membranes rupture?		Code			
	Spontaneous	1			
	Artificial	2			
	Don't know	8			
Q637: Type of delivery					
	Spontaneous vaginal	1			
	Assisted (instrumented)	2			
	Caesarean	3			
	Don't know	8			
Q638: Time of birth (<i>observer: enter 99:99 if unknown</i>)					

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Q639: Birthweight in grams (<i>observer: enter 9999 if unknown</i>)	
Q640: Record gestational age at birth in weeks (<i>observer: enter 99 if unknown</i>)	
Question	Yes No DK Go to
Q641: Was she diagnosed with severe PE/E?	1 0 8 No→ Q643
Q642: Was baby delivered within 24 hours of PE diagnosis or within 12 hrs of eclampsia diagnosis?	1 0 8
Q643: Did the mother have blood loss more than 500mL?	1 0 8 No→ Q645
Q644: Was she diagnosed with postpartum hemorrhage?	1 0 8
Q645: Did the mother develop a fever of 38° C or higher during labor?	1 0 8 No→ Q647
Q646: Was she diagnosed with chorioamnionitis during labor?	1 0 8
Q647: Were antibiotics administered to mother at any time?	1 0 8 No/DK → Q651
Q648: When were antibiotics administered? (CIRCLE ALL THAT APPLY)	Code
1st stage	A
2nd stage	B
3rd stage	C
Postpartum	D
Q649: Why were antibiotics administered? (CIRCLE ALL THAT APPLY)	
Treatment for chorioamnionitis	A
After prelabor rupture of membranes	B
Preparation for C-section	C
Routine/prophylactic	D
Third stage/postpartum procedure	E
Don't know	Z
Q650: Which antibiotic was administered? (CIRCLE ALL THAT APPLY)	
Penicillin	A
Ampicillin	B
Gentamicin	C
Metronidazole	D
Cephalosporin	E
Other	X
Don't know	Z
Question	Yes No DK Go to
Q651: Is mother HIV positive? (<i>observer: circle Don't Know if status is unknown or was not discussed</i>)	1 0 8 No/DK → Q654
Q652: Was newborn given ARV(s)?	1 0 8 No/DK → Q654
Q653: Record type of ARV(s) given to newborn	Code
NVP	1
AZT	2
3TC	3
Don't know	8
Q654: PLEASE COMMENT ON THE QUALITY OF CARE PROVIDED: Was mother treated respectfully? Informed of procedures to herself and her baby? Was the situation chaotic or calm? Were there any major delays in needed treatment? If so, for what drugs/procedures and why? Were multiple health workers involved? Who? If maternal or newborn/fetal death occurred, describe the circumstances. Was the mother counseled about the death of newborn/fetus?	

END OF SECTION 6

MAKE SURE THAT Q100, Q200, Q300, Q400, Q601-Q604 ARE ANSWERED BEFORE MOVING ON TO NEXT CLIENT

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L&D Observation Checklist

Section 7: Observation of Postpartum Hemorrhage			
Question	Yes	No	Go to
Q700: Was this section observed?	1	0	No → Q800
<i>CHECK THAT Q9 CLIENT CONSENT HAS BEEN FILLED IN. IF Q9 IS BLANK, COMPLETE COVER PAGE INCLUDING Q9 BEFORE STARTING PPH OBSERVATION</i>			
Q701: Confirm that consent was received from client (or her proxy is she is incapacitated)	1	0	
Q702: Record time complication started			
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER). IF TIME OF EVENT IS UNKNOWN, ENTER 99:99. IF DOSE OF MEDICATION IS UNKNOWN, ENTER 99.</i>			
IMMEDIATE CARE			
Q703: Monitors bleeding	1	0	No→Q705
Q704: How much bleeding was there (in mL)			
Q705: Performs uterine massage	1	0	No→Q707
Q706: Time massage performed			
Q707: Gives oxytocin	1	0	No→Q711
Q708: Record dose (in IU)			
Q709: Is route of administration intravenous (IV) through ringer's lactate or normal saline?	1	0	
Q710: Time oxytocin given			
Q711: Other uterotonic given	1	0	No→Q714
Q712: Which other uterotonic was given:	Code		
	Ergometrine	1	
	Syntometrine	2	
	Misoprostol	3	
Q713: Time other uterotonic given			
Question	Yes	No	Go to
Q714: Performs abdominal exam for uterine contraction	1	0	No→Q716
Q715: Time exam performed			
Q716: Examines the vagina and perineum for lacerations and or cervical tear	1	0	No→Q718
Q717: Time exam performed			
Q718: Examines the placenta for completeness	1	0	No→Q720
Q719: Time exam performed			
Q720: Starts IV fluids	1	0	No→Q722
Q721: Time IV fluids started			
FOLLOW UP CARE			
Q722: Performs uterine exploration	1	0	No→Q724
Q723: Time procedure performed			
Q724: Performs uterine mechanical evacuation	1	0	No→Q726
Q725: Time procedure performed			
Q726: Performs manual removal of the placenta	1	0	No→Q728
Q727: Time procedure performed			
Q728: Performs bimanual compression of the uterus	1	0	No→Q730
Q729: Time procedure performed			
Q730: Performs aortic compression	1	0	No→Q732
Q731: Time procedure performed			
Q732: Uses balloon or condom tampanade	1	0	No→Q734

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Q733: Time procedure performed			
Q734: Uses uterine sutures/cutgut	1	0	No→Q736
Q735: Time procedure performed			
Q736: Performs cardiac resuscitation	1	0	No→Q738
Q737: Time procedure performed			
Q738: Sends to surgery for hysterectomy	1	0	No→Q740
Q739: Time sent to surgery performed			
Q740: Performs blood clotting time	1	0	No→Q742
Q741: Time procedure performed			
Q742: Checks haemoglobin/haematocrit	1	0	No→Q744
Q743: Time procedure performed			
Q744: Requests blood grouping and crossmatching	1	0	No→Q746
Q745: Time procedure performed			
Q746: Gives blood products	1	0	No→Q749
Q747: Record number of units			
Q748: Time blood given			
Q749: Gives antibiotics	1	0	No→Q752
Q750: Which antibiotic was administered? (CIRCLE ALL THAT APPLY)	Code		
Penicillin	A		
Ampicillin	B		
Gentamicin	C		
Metronidazole	D		
Cephalosporin	E		
Other	X		
Don't Know	Z		
Q751: Time antibiotics given			
Question	Yes	No	Go to
Q752: Gives additional dose of oxytocin	1	0	No→Q756
Q753: Record dose (in IU)			
Q754: Is route of administration intravenous (IV)?	1	0	
Q755: Time oxytocin given			
Q756: Gives additional dose of other uterotonic	1	0	No→Q759
Q757: Which other uterotonic was given:	Code		
Ergometrine	1		
Syntometrine	2		
Misoprostol	3		
Q758: Time other uterotonic given			
Question	Yes	No	Go to
Q759: Is the woman's condition stable?	1	0	Yes→Q760
<i>IF THE WOMAN'S CONDITION IS NOT STABLE, CONTINUE OBSERVING UNTIL SHE IS STABLE OR FOR AT LEAST 1 HOUR AFTER THE INITIAL EVENT (IF POSSIBLE). CHECK ANSWERS TO Q722-Q759 AS OBSERVATION CONTINUES.</i>			
Q760: End time of observation			
<i>(continued next page)</i>			

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L&D Observation Checklist

CASE DETAILS		Code
Q761: What is the woman's diagnosis (CIRCLE ALL THAT APPLY)		
	Atonic uterus	A
	Laceration	B
	Incomplete expulsion of placenta	C
	Placenta attached	D
	Coagulopathy	E
Q762: At what stage of labor and delivery did the complication occur:		
	At delivery	1
	Postpartum (before discharge)	2
	After discharge	3
Q763: PLEASE WRITE A BRIEF SUMMARY OF THE CASE AND THEN DESCRIBE THE CONDITION OF THE WOMAN AT THE END OF OBSERVATION:		
Q764: PLEASE COMMENT ON THE QUALITY OF CARE PROVIDED: <i>Was the woman left alone at any point even if there was a danger of shock? Was she treated respectfully? Informed of procedures? Was the situation chaotic or calm? Were there any major delays in needed treatment? If so, for what drugs/procedures and why? Were multiple health workers involved? Who?</i>		
END OF SECTION 7 – RETURN TO APPROPRIATE SECTION TO CONTINUE OBSERVATION		

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L&D Observation Checklist

Section 8: Observation of Severe Pre-eclampsia and Eclampsia			
Question	Yes	No	Go to
Q800: Was this section observed?	1	0	No → End section
<i>CHECK THAT Q9 CLIENT CONSENT HAS BEEN FILLED IN. IF Q9 IS BLANK, COMPLETE COVER PAGE INCLUDING Q9 BEFORE STARTING PPH OBSERVATION</i>			
Q801: Confirm that consent was received from client (or her proxy is she is incapacitated)	1	0	
Q802: Record the time complication started			
<i>RECORD WHETHER THE PROVIDER CARRIED OUT THE FOLLOWING STEPS AND/OR EXAMINATIONS: (SOME OF THE FOLLOWING STEPS MAY BE PERFORMED SIMULTANEOUSLY OR BY MORE THAN ONE PROVIDER). IF TIME OF EVENT IS UNKNOWN, ENTER 99:99. IF DOSE OF MEDICATION IS UNKNOWN, ENTER 99.</i>			
IMMEDIATE CARE			
Q803: Blood pressure taken	1	0	No→Q807
Q804: Record blood pressure: systolic			
Q805: Record blood pressure: diastolic			
Q806: Time blood pressure taken			
Q807: Urine checked for protein	1	0	No→Q810
Q808: Record result			
Q809: Time urine checked			
Q810: Were IV fluids started?	1	0	No→Q812
Q811: Time IV fluids given			
Q812: Magnesium sulfate given <u>intramuscular (IM)</u> ?	1	0	No→Q815
Q813: Record dose in grams			
Q814: Time magnesium sulfate given IM			
Q815: Magnesium sulfate given <u>intravenously (IV)</u> ?	1	0	No→Q818
Q816: Record dose in mL			
Q817: Time magnesium sulfate given IV			
Q818: Diazepam given	1	0	No→Q822
Q819: Record dose in mg			
Q820: Diazepam given intravenously (IV)?	1	0	
Q821: Time diazepam given			
Q822: Antihypertensive given	1	0	No→Q827
Q823: Which antihypertensive was given:	Code		
	Hydralazine/ Apresoline	1	
	Nifedipine	2	
	Labetalol	3	
	Methyldopa/ Aldomet	4	
	Other (specify _____)	6	
Q824: Record dose in mg			
Q825: Route of administration			
	Intramuscular (IM)	1	
	Intravenous (IV)	2	
	Oral/sublingual	3	
Q826: Time antihypertensive given			
FOLLOW UP CARE			
Question	Yes	No	Go to
Q827: Urinary catheter placed	1	0	No→Q829

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Q828: Time catheter placed			
Q829: Labor induced or augmented (including artificial rupture of membranes)	1	0	No→Q831
Q830: Time labor induced or augmented			
Q831: Sent to surgery for c-section	1	0	No→Q833
Q832: Time sent for surgery			
Q833: Gives additional dose of magnesium sulfate	1	0	No→Q837
Q834: Record dose in grams			
Q835: Magnesium sulfate given intramuscular (IM)?	1	0	
Q836: Time magnesium sulfate given			
Q837: Gives additional dose of other medication	1	0	No→Q842
Q838: Which medication(s) was the client given (CIRCLE ALL THAT APPLY)	Code		
Diazepam	A		
Hydralazine/ Apresoline	B		→Q842
Nifedipine	C		→Q842
Labetalol	D		→Q842
Methyldopa/ Aldomet	E		→Q842
Other (specify _____)	X		→Q842
Q839: Record dose in mg for diazepam			
Question	Yes	No	Go to
Q840: Diazepam given intravenously (IV)?	1	0	
Q841: Time diazepam given			
Q842: Calcium gluconate given	1	0	No→Q844
Q843: Time calcium gluconate given			
MONITORING			
Q844: How many times in the first hour of observation was blood pressure taken	Code		
Blood pressure not taken during first hour	0		
Once	1		
Twice	2		
Three times	3		
Four times	4		
Five or more	5		
Q845: How many times in the first hour of observation were reflexes checked			
Reflexes not checked during first hour	0		
Once	1		
Twice	2		
Three times	3		
Four times	4		
Five or more	5		
Q846: How many times in the first hour of observation were respirations checked			
Respirations not checked during first hour	0		
Once	1		
Twice	2		
Three times	3		
Four times	4		
Five or more	5		
Question	Yes	No	Go to
Q847: Is the woman's condition stable?	1	0	
<i>IF THE WOMAN'S CONDITION IS NOT STABLE, CONTINUE OBSERVING UNTIL SHE IS STABLE OR FOR AT LEAST 1 HOUR AFTER THE INITIAL EVENT (IF POSSIBLE). CHECK ANSWERS TO Q826-Q846 AS OBSERVATION CONTINUES.</i>			
Q848: End time of observation			

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CASE DETAILS				
Q849: What is the woman's diagnosis		Code		
	Eclampsia	1		
	Severe pre-eclampsia	2		
	Other (specify _____)	3		
Question		Yes	No	Go to
Q850: Was the woman ever unconscious		1	0	
Q851: Did the woman experience convulsions		1	0	
Q852: At what stage of labor and delivery did the complication occur:		Code		
	Before labor (including admissions from ANC)	1		
	During labor	2		
	At delivery	3		
	Postpartum (before discharge)	4		
	After discharge	5		
Q853: PLEASE WRITE A BRIEF SUMMARY OF THE CASE AND THEN DESCRIBE THE CONDITION OF THE WOMAN AT THE END OF OBSERVATION				
<p>Q854: PLEASE COMMENT ON THE QUALITY OF CARE PROVIDED: Was the woman left alone at any point even if there was a danger of convulsions? Was she treated respectfully? Informed of procedures? Was the situation chaotic or calm? Were there any major delays in needed treatment? If so, for what drugs/procedures and why? Were multiple health workers involved? Who?</p>				
END OF SECTION 8				
IF CLIENT IS IN LABOR OR HAS ALREADY DELIVERED, PLEASE RETURN TO APPROPRIATE SECTION TO CONTINUE OBSERVATION; IF CLIENT HAS NOT DELIVERED AND IS NOT IN LABOR PLEASE MAKE SURE THAT YOU HAVE ANSWERED Q100, Q200, Q300, Q400, Q500, Q601-Q604, AND Q700 BEFORE MOVING ON TO NEXT CLIENT.				