

Nursing questionnaire vignettes

Routine Newborn Care

Vignette 1: Immediate postnatal care

- The sequence of the answers does not matter. Tick as mentioned.
- If 'check baby's condition' or 'APGAR' is mentioned → ask for elaboration 'How do you...'
- If a component of the elaboration is mentioned straight away e.g. check appearance → select 'check the baby's condition' from the main question and 'check appearance' from the elaboration. Then ask for further details 'How ELSE would you check the baby's condition'
- The same applies to warmth, but: If a specific elaboration is mentioned, e.g. wrap in clean cloth, then ask why they would do this, if they don't say 'to keep the baby warm' then don't select or ask for elaboration, if they do say 'to keep the baby warm' then ask, how ELSE would you keep the baby warm.

Vignette 2: Immediate postnatal care

- If any of the answers to the stem question are provided without details then ask for elaboration
- If the elaboration details are given as part of the stem question, then tick both stem and the elaboration answers. E.g. 'Initiate breastfeeding within an hour' in response to the stem question, tick 'initiate breastfeeding' in stem and 'within an hour' in elaboration.
- If only one of the vaccine types is mentioned as part of the stem question, e.g. 'give polio vaccine' in response to stem, then tick 'give vaccinations' from stem and 'oral polio vaccine' from elaboration, but do **not** ask what other vaccinations.
- If the dose **or** route of vitamin K is provided without prompting (e.g. give 1mg vitamin K), then ask for elaboration on the missing detail (e.g. by what route?).

Maternity: Newborn Resuscitation

Step 1: What are the very first things you will do for this baby?

- The sequence of the answers does not matter. Tick as mentioned.
- If an answer from the elaboration is mentioned in response to the stem e.g. 'observe for cry', then tick 'observe the baby' from the stem question and 'observe for cry' from the elaboration, then also ask what ELSE they would observe the baby for.
- If they provide an answer that is more appropriate for a later step, then prompt (only once) 'what are the very first things you would do for this baby straight after birth and the cord has been cut'
- If the nurse skips straight to ABC, prompt as above, but if they still discuss ABC, then select 'Skipped straight to ABC'. Do not read out the next question, just tick 'check the airways' if this has been mentioned. If breathing was also straight away answered, then do not ask 'what should you check after you have checked the airways', just straight away tick 'check the breathing'. Do ask for the airways and breathing elaborations.
- If the answer provided is 'resuscitate', ask them what they mean by this and for them to explain from the very start.

- After the above prompt/asking them to explain what they mean by resuscitation, if they still skip straight to resuscitation, then tick 'skipped straight to resuscitation'. The next question will now be 'what should you do if the baby is not breathing at all but the airways are clear'. Do not read out this question, just select the answer option 'resuscitate' and continue with the questions.

Step 2: You have dried, wrapped stimulated, observed the baby and kept them warm, but the baby still seems to be unresponsive, what should you first check?

- If they did not answer step 1 correctly then you may need to reword this question to something along the lines of 'this baby has now been dried...', making sure that it is clear that you are referring to the initial scenario. Tell them to consider this situation in isolation of what they have already told you.
- Emphasise '**check**'
- If they mention anything apart from 'airways', then tick 'none of the above' and proceed to step 4.
- If 'check the airways' is mentioned, then ask 'how' and select the answers given in the elaboration field that will appear below. If details of checking the airways are given without asking, then select 'check the airways' and select the answers given from the elaboration fields below.

Step 3: What do you check after you have checked the airways?

- This will only appear if they have answered correctly to step 2.

Step 4: What do you do if the baby is not breathing at all but the airways are clear?

- If they start to provide the details of resuscitation then tick 'resuscitate' and continue to tick the answers provided in step 5 without asking the question for step 5.
- If they start to provide only some of the details of resuscitation then tick 'resuscitate' and then ask for step 5 'What are all the steps you should take...'
- If the wrong answer is given then tick 'none of the above' and proceed to step 5.

Step 5: What steps should you take to resuscitate a baby that is not breathing at all but the airways are clear?

- If the nurse has been confused along the way and previously answered aspects of this question in response to other questions, then preamble the question. Tell the nurse: 'I'll now ask you for the specific stepwise process of resuscitation for a newborn, please tell me all the steps you know, even if you have already mentioned them previously'. In other words, tell them to consider this question in isolation of the others.
- If ventilate is mentioned and a rate is also given, then tick the appropriate answer in the following question (*During resuscitation, at what rate should you ventilate*) without asking that following question.

Routine maternal care

Vignette 1: Intrapartum care

- If the details of the elaborations are given with the stem question, e.g. 'administer oxytocin within one minute', then tick the answer from the stem 'administer oxytocin' and tick the answer from the elaboration 'within one minute' without asking the elaboration question.
- If the scenario above happens with uterine massage, but only one component of the elaboration is given with the stem, e.g. 'uterine massage every 15 minutes' then tick the stem answer 'uterine massage' and the elaboration answer 'every 15 minutes' and also ask the elaboration question but only for the missing component 'For how long is uterine massage done'.

Infant resuscitation – NBU

- If the nurse responds to the first step with answers from the later steps, then prompt (only once) that you want to know the very first things the nurse would do when they see this baby not moving.
- If, after prompting, the nurse still says ventilation for this first step, then select 'skipped to ventilate'. Proceed to the next question but don't read it out, instead ask them to elaborate on how they would ventilate.
- If, after prompting, the nurse still states answers from the later steps (other than 'ventilate'), then tick 'none of the above for the first step'. Proceed to the next step. If the nurse becomes confused because they have skipped ahead and the second question seems like a repetition for them, then explain the scenario again 'you have found a baby with cardiorespiratory collapse, you checked the airways, cleared them, and checked the breathing, what is the next step you would take?'
- If the nurse responds with resuscitate or ventilate at any point, ask them what they mean by this and ask for them to give you details.
- If at any step the nurse provides answers to that step and then continues to provide answers to other steps, then tick the answers provided but there is no need to ask the questions for the steps they have already provided answers for. This only applies if the correct stepwise order was followed.
- If at any step the nurse provides answers to other later steps, but not in the correct stepwise order, e.g. if for step 1 the nurse answers 'move the infant to emergency area' and 'check pulse', tick the answer for step 1 'move the infant to emergency area' but ignore the answer to questions further down the list. Continue with the questions. If necessary, you can tell them to consider the following questions in isolation of what they have already told you.