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**Introduction:** Thank you for taking the time to complete this form. Your answers will help us understand how well the Neonatal Care Course has achieved its objectives. It will also be helpful in allowing you to identify the areas in your knowledge or skills which need reinforcement.

**Section 1: Overview Questions:**

(To be completed by Course Participant)

The learning objectives of the neonatal course for the first session are:

Know and have the practical skills to

- perform effective resuscitation at birth
- recognise and treat emergencies in the neonate
- Understand the factors affecting newborn health
- Provide clinical care which minimises adverse effects and
- promotes beneficial effects

1 Rate the extent to which the learning aims/objectives of the Newborn Care Course were met: (1=not met, 5=fully met). Tick one box per objective below.

Objective	Rating				
	1	2	3	4	5
Perform effective resuscitation at birth					
Recognise emergencies in the newborn					
Understand the factors affecting newborn health					
Provide clinical care which minimises adverse effects and promotes beneficial effects					

2. Were the speakers/facilitators knowledgeable?

Select one option, by circling yes or no. Then make any comments in the box provided.

Yes	No
Comments (optional):	



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3. Were the facilitators able to communicate effectively with Cameroonians (eg. from the language point of view)?

*Select one option by circling yes or no. Then make any comments in the box provided.*

Yes	No
Comments (optional):	

4. Rate the extent to which the Newborn Care Course met your learning need(s) (1=not met, 5=fully met)

*Select one option by ticking the box below the number. Make any comments in the box provided.*

1	2	3	4	5
Comments (optional):				

6. Rate the extent to which learning from the Neonatal Care Course has changed your practice: (1=no change to my practice, 5 = will change my practice in a significant way)

*Select one option by ticking the box below the number Make any comments in the box provided.*

1	2	3	4	5
Comments (optional):				



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7. Rate the overall quality of the education at this training activity: (1=poor, 5=excellent)

*Select one option*

1	2	3	4	5

Comments (optional):

**Please add any additional comments or make suggestions for future training activities or for changes to the Neonatal Care Course:**

## Section 2: Experience and Confidence in Newborn Care

(To be completed by Course Participant)

The next questions provide information on how often you perform specific clinical skills that you learned during the course and your level of confidence performing each of these skills. Please indicate which of these skills you have taught to others since you attended the skills-based training course.

1. Please complete the table according to the following instructions.

- Column A. Approximately how many cases have you been involved with since completing the Neonatal Care Course.
- Column C. Please tick ( ✓ ) those skills you have taught to others since you completed the Neonatal Care Course.

SKILL	COLUMN A Number of Cases	COLUMN C Taught the skill to others
Newborn resuscitation		
Breast feeding/feeding problems		
Recognising and treating infection		
Recognising and treating serious jaundice		
Care of the small baby		

2. Please complete the table according to the following instructions.

- Column A. In what percentage of the newborns you have been involved with have you implemented the following since the Neonatal Care Course.
- Column C. Please tick ( ✓ ) those skills you have taught to others since you completed the Neonatal Care Course

Skill	%age of newborn babies you have been involved with	Taught the skill to others.
Skin to skin mothercare		
Advise mothers of newborn babies to start breast feeding within the first hour of the babies life.		
Comment:		

**3. Rate your confidence in resuscitating a newborn baby who is not breathing after birth.**

	Not confident	A little confident	Somewhat confident	Very confident
Before the course ?				
At the end of the course ?				
Now ?				

If you ranked your confidence as not confident, a little confident or somewhat confident in any skill, please explain some of the reasons why you do not feel very confident performing this skill.

Comment:

Do you feel that after training you have had enough practice to remain competent in resuscitating newborn babies?  
Circle one.

Yes      No      Don't know      Not relevant (e.g. no longer involved in this type of situation)

Please explain:

**4. Rate your confidence in recognising and treating seriously ill newborn babies.**

	Not confident	A little confident	Somewhat confident	Very confident
Before the course ?				
At the end of the course ?				
Now ?				

If you ranked your confidence as not confident, a little confident or somewhat confident in any skill, please explain some of the reasons why you do not feel very confident performing this skill.

Comment:



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Do you feel that after training you have had enough practice to remain competent in recognising and treating seriously ill newborn babies? Circle one.

Yes      No      Don't know      Not relevant (e.g. no longer involved in this type of situation)

Please explain:

**5. Rate your confidence in advising a mother to start exclusive breastfeeding her newborn baby within the first hour of the baby's life.**

	Not confident	A little confident	Somewhat confident	Very confident
Before the course ?				
At the end of the course ?				
Now ?				

If you ranked your confidence as not confident, a little confident or somewhat confident in any skill, please explain some of the reasons why you do not feel very confident performing this skill.

Comment:

Do you feel that after training you have had enough practice to remain competent in advising mothers of newborn babies to start exclusive breastfeeding within the first hour of life? Circle one.

Yes      No      Don't know      Not relevant (e.g. no longer involved in this type of situation)

Please explain:

**6. Rate your confidence in preventing newborn babies getting cold after birth**

	Not confident	A little confident	Somewhat confident	Very confident
Before the course ?				
At the end of the course ?				
Now ?				

If you ranked your confidence as not confident, a little confident or somewhat confident in any skill, please explain some of the reasons why you do not feel very confident performing this skill.

Comment:

Do you feel that after training you have had enough practice to remain competent in advising mothers of newborn babies to start exclusive breastfeeding within the first hour of life? Circle 1.

Yes      No      Don't know      Not relevant (e.g. no longer involved in this type of situation)

Please explain:

7. Has the Newborn Care Course changed your job performance? Circle 1.

Yes                      No

If yes, how?    If no, why not?

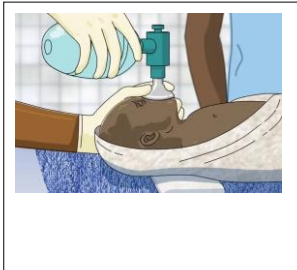
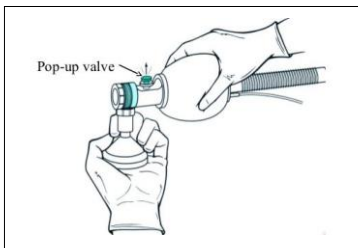
**Section 3: Knowledge in Newborn Care  
(To be completed by Course Participant)**

**Please put a tick for true or false for each answer.**

**Don't spend more than 15 minutes answering these questions.**

		TRUE	FALSE
Q1	Jaw thrust is a useful technique to help keep a newborn baby's airway open during resuscitation.	√	
Q2	Resuscitating a newborn without using oxygen is usually successful	√	
Q3	Jaundice starting on day one is quite likely to be a serious problem	√	
Q4	Illness in newborns usually presents in a clear-cut fashion		√
Q5	Application of the techniques taught at the Newborn Care Course can produce a more than 30% reduction in neonatal death rate.	√	
Q6	Skin to skin care should only be used when there is no incubator available		√
Q7	Putting the head of a non-breathing newborn into the neutral position may be enough to allow the baby to start breathing.	√	
Q8	To deal with hypoglycaemia all that is usually required is a bolus of intravenous dextrose.		√
Q9	In sick newborns antibiotics can be used even when you are not clear exactly where the infection is.	√	
Q10	Hypothermia in newborn babies is less common in Cameroon than more northerly countries (e.g. in Europe) because Cameroon is such a hot country		√
Q11	Sellers of infant formulas should be encouraged to give mothers in the baby or neonatal unit free samples in case their baby cannot breast feed.		√
Q12	In resuscitation the first 5 breaths given by bag and mask should be longer and deeper than subsequent breaths.	√	
Q13	A newborn baby's heart rate will increase quickly if ventilation is successful	√	
Q14	Routine bathing of all newborn babies within the first 24 hours of life is the best way to reduce the frequency of infection in the newborn unit		√
Q15	In a baby born with poor tone, blue colour, no breathing and a slow heart rate we should aim to give the first breath within 30 seconds	√	
Q16	In a baby born at 36 weeks gestation difficulty giving inflation breaths is most likely due to meconium blocking the trachea		√
Q17	Even on a hot day an open window may produce a draft strong enough to make a newborn baby hypothermic.	√	



		TRUE	FALSE
Q18	<p>The position of the baby's head in this picture is suitable for resuscitation</p> 	√	
Q19	<p>Jaundice affecting the palms of hands and soles of the feet is quite likely to be a serious issue.</p>	√	
Q20	<p>The pop up valve illustrated in this diagram should move up when the bag is squeezed in this fashion in order to prevent excess pressure on ventilation.</p> 	√	



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### **Section 4: Skills – Newborn Resuscitation**

**(To be used by the Trainer conducting assessment)**

Information about the Neonatal Care Course Candidate and his/her institution.

1. Name: \_\_\_\_\_ Date of this assessment \_\_\_\_\_
  
2. Age \_\_\_\_\_ years      3. Gender (circle one):      Male      Female      Prefer not to say
  
4. What type of health professional are you? (Circle only one)  
Doctor    Nurse / Midwife    Midwife    Nurse    Nursing Assistant    TBA  
Other , please specify here: \_\_\_\_\_
  
5. In what year did you qualify? \_\_\_\_\_
  
6. How many years have you been working with newborn babies? \_\_\_\_\_ years
  
7. Date of Neonatal Care Course \_\_\_\_\_
  
8. Where did you do the Neonatal Care Course (circle 1 below)  
Bamenda    Mutengene    Yaounde
  
9. Do you still have your training manual (pocket book) from the Neonatal Care Course ?
  
10. If yes, on average, how many times have you used the manual as a reference? (circle 1)  
Every day    Once per week    Once per month    Rarely    Never
  
11. Approximately how many births do you attend per week? \_\_\_\_\_
  
12. How many babies are born in your unit per month? \_\_\_\_\_
  
13. Name of institution
  
14. Nature of Institution: government, NGO, religious etc. [to be described by Trainer conducting assessment]  
\_\_\_\_\_



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**Skill 1: Resuscitation:**

The task is described to the NCC participant in the following terms. “A baby has been born unexpectedly, the tone is floppy, the colour is blue all over, there is no breathing. The NCC graduate is asked to look after the baby. Only indicate the heart rate (< 60 when asked). The scenario includes the use of inflation and ventilation breaths but does not extend to cardiac compressions”. The form refers to before and after coaching. Coaching should be limited to 15 minutes for the purpose of this evaluation. Of course, when this document is filled in you (the assessor) may feel there is more coaching that could usefully be undertaken.

Write C if step or task is performed competently; write N if it is not performed competently.

**Competent:** Performs the step or task according to the standard procedure or guidelines.

**Not Competent:** Unable to perform the step or task according to the standard procedure or guidelines.

STEP/TASK	Before Coaching	After Coaching
<b>GETTING READY</b>		
Checks to make sure all supplies and equipment are available and working.		
Dries baby with a warm towel. Discards this towel.		
Quickly wraps or covers the baby, except for the face, and upper chest, and places on a clean, warm surface.		
Puts a hat on the baby		
<b>Resuscitation:</b>		
Positions the head in a neutral position to open the airway.		
Assesses breathing, heart rate, colour, tone		
If not breathing: Step 1: Chooses an appropriate size mask i.e. to cover nose and mouth without overhanging jaw or overlapping eyes.		
If not breathing: Step 2: checks self-inflating bag i.e. no tears, generating pressure, pop up valve working		
If not breathing: Step 3: applies mask to cover nose and mouth without overhanging jaw or overlapping eyes.		
Gives 5 inflation breaths (assessor to assess duration if the candidate does not count out loud) which produce rise of the chest in at least the last two breaths.		
Stops and quickly assesses if the heart rate is over 100, using stethoscope.		



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STEP/TASK	Before Coaching	After Coaching
When told heart rate is less than 60 proceeds to ventilation breaths for 30 seconds.		
Re-assesses (i.e. asks about tone, colour, heart rate, respiration, any other signs of life)		
<b>POST-RESUSCITATION TASK</b>		
Puts the baby in skin to skin care position and advises early breastfeeding..		
Explains what happened		
Tells mother to call if she has concerns		
Tells mother he/she will return to review to start other treatment e.g. cord care.		
<b>Your overall conclusion, independently of the score achieved above:</b>		
	Before Coaching	After Coaching
Do you (the assessor) think the person can do resuscitation to a sufficiently high standard to make a positive contribution to the survival of babies born in poor condition in their unit?		

**Skill 2: Drug Dose Calculation: The NCC participant should be allowed to use the handbook. If he/she doesn't have one the assessor should give them one.**

**Instructions:** Calculate the doses of ampicillin and gentamicin to be given to a baby born at 35 weeks gestation, weight 1.9 Kg and who is now 6 days old. He is suffering from pneumonia. Give the answer in size (milligrams) of each dose and frequency of doses.

Answer: Ampicillin \_\_\_\_\_ milligrams for each dose

Ampicillin \_\_\_\_\_ frequency of dosage is:

Gentamicin \_\_\_\_\_ milligrams for each dose

Gentamicin \_\_\_\_\_ frequency of dosage is:

Doses may be rounded up by 10%



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**Skill 3: Fluid requirement calculation: The NCC participant should be allowed use the handbook. If he/she doesn't have one the assessor should give them one.**

**Instructions:** use the space below to show your workings and calculate the fluid requirements for a three-day old baby, 1.8kg weight, born at 35 weeks gestation.

Thank you very much for your time completing this. Please share with the colleague you are assessing, discuss the findings and retain for future reference. The colleague being assessed should retain a copy for their own appraisal purposes.