Objective Structured Clinical Evaluations (OSCEs) can be used to determine whether participants have learned the essential steps to help a baby breathe. They can be used to verify that a participant knows enough to pass the course, or also as an exercise repeated regularly for practice. Most importantly, each completed evaluation should be used as an opportunity for the participant to review and learn.

Read the case scenario aloud to the participant. Provide the prompts shown in red. Indicate the baby's response to the participant's actions using the neonatal simulator or words if using a mannequin. For example, when the participants evaluate crying, show that the baby is not crying with a simulator. Say that the baby is not crying if using a mannequin. As you observe the participant, tick ☑ the boxes "Done" or "Not Done" for each activity. Apart from giving these prompts, keep silent during the evaluation. After participants complete the OSCE, ask the 5 questions written below OSCE A. These questions will help the participants reflect on what actions they took and what they can do better the next time. Participants who can recognize their own mistakes will better remember the right steps to take the next time. Comment on the participant's performance only at the end of the case, after he/she has answered these 5 questions.

HBB 2nd Edition   OSCE A--Evaluation A

Instructions to the facilitator: Read the below instructions for the case scenario.

"I am going to read a role play case. Please listen carefully, and then show me the actions you would take. I will indicate the baby's responses, but I will provide no other feedback until the end of the case."

"You are called to assist the delivery of a term baby. There are no complications in the pregnancy. The baby will be born in less than 10 minutes. Introduce yourself and prepare for the birth and care of the baby."

	Done	Not Done
Identifies a helper and reviews an emergency plan	☐	☐
Prepares the area for delivery (warm, well-lighted, clean)	☐	☐
Washes hands.	☐	☐
Prepares an area for ventilation and checks function of bag, mask and suction device	☐ *	☐

Prompt: After 5-7 minutes give baby to participant and say, "There is meconium in the amniotic fluid. The baby is delivered onto the mother's abdomen. Show how you will care for the baby."

	Done	Not Done
Dries thoroughly.	☐ *	☐
Removes wet cloth.	☐	☐

Prompt: Show the baby is not crying. "There is meconium blocking the mouth."

	Done	Not Done
Recognizes baby is not crying	☐	☐
Positions head and clears airway.	☐	☐
Stimulates breathing by rubbing the back.	☐ *	☐

Prompt: Show the baby is breathing well (cries)

	Done	Not Done
Recognizes baby is crying and breathing well	☐	☐
Clamps or ties and cuts the cord.	☐	☐
Positions skin-to-skin on mother's chest and puts on the head covering Communicates with mother	☐	☐

Use the questions below to help the participant reflect on his or her own performance and then provide feedback.
1. What happened at the birth?
2. Did you follow the Action Plan?
3. What went well and what could have gone better?
4. What did you learn?
5. What will you do differently next time?

SCORING:
Successful completion requires a total score of 9 correct of 12 and "Done" must be ticked for the boxes marked with *.

Number Done Correctly .... Facilitator initials ....

HBB 2nd Edition   OSCE B--Evaluation B

Instructions to the facilitator: Read the below instructions for the case scenario.

"I am going to read a role play case. Please listen carefully, and then show me the actions you would take. I will indicate the baby's responses, but I will provide no other feedback until the end of the case."

"You are called to assist at the birth of 34 week (7-1/2 months) gestation baby. You have identified a helper, prepared an area for ventilation, washed your hands, and checked your equipment. The baby is born, and the amniotic fluid is clear. Show how you will care for the baby."

	Done	Not Done
Dries throughly..	☐	☐
Removes wet cloth.	☐	☐

Prompt: Show the baby is not crying. "You do not see or hear secretions in the baby's mouth or nose."

	Done	Not Done
Recognizes baby is not crying..	☐	☐
Stimulates breathing by rubbing the back.	☐ *	☐

Prompt: Show the baby is not breathing.

	Done	Not Done
Recognizes baby is not breathing	☐	☐
Cuts cord and moves to area for ventilation OR positions by mother for ventilation................................	☐	☐
Ventilates with bag and mask within The Golden Minute (at _____seconds)	☐	☐
Achieves a firm seal as demonstrated by chest movement	☐ *	☐
Time of effective ventilation (chest moving gently at _____ seconds)		
Ventilates at 40 breaths/minute (30-50 acceptable)	☐ *	☐
Evaluates for breathing or chest movement.	☐ *	☐

Prompt: Show the baby is not breathing.

	Done	Not Done
Recognizes baby is not breathing.	☐	☐
Calls for help.	☐	☐
Continues ventilation.	☐	☐

Prompt: Say, "Please show what to do if the chest is not moving with ventilation."
After one or more steps to improve ventilation, say "The chest is moving now."

	Done	Not Done
Reapplies mask	☐ *	☐
Repositions head..	☐ *	☐
Clears secretions from the mouth and nose as needed..	☐	☐
Opens mouth slightly	☐	☐
Squeezes bag harder	☐	☐

Prompt: Show the baby is not breathing; heart rate is normal.

	Done	Not Done
Recognizes baby is not breathing but heart rate is normal.	☐	☐
Continues ventilation..	☐	☐

Prompt: (After 3 minutes) Show the heart rate is 120 per minute and the baby is breathing.

	Done	Not Done
Recognizes baby is breathing and heart rate is normal..	☐	☐
Stops ventilation..	☐	☐
Provides close observation for the baby and communicates with the mother............................	☐	☐

Use the questions below to help the participant reflect on his or her own performance and then provide feedback.
1. What happened at the birth?
2. Did you follow the Action Plan?
3. What went well and what could have gone better?
4. What did you learn?
5. What will you do differently next time?

SCORING:
Successful completion requires a total score of 17 correct of 23 and "Done" must be ticked for the boxes marked with *.

Number Done Correctly .... *Facilitator initials* ....