

OBSTETRICS VIGNETTE

Checklist for Management of Newborn Asphyxia

RECORD TIME OF BEGINNING OF THE SIMULATION (HH:MM)

___ : ___ AM/PM

THE FOLLOWING QUESTIONS CORRESPOND TO A CLINICAL CASE SCENARIO THAT THE HEALTH WORKER COULD EXPECT TO OBSERVE IN THE CLINIC. READ THE CASE SCENARIOS AND QUESTIONS EXACTLY AS THEY ARE WRITTEN (EVERYTHING THAT IS IN **BOLD FONT**). DO NOT READ THE OPTIONS OF ANSWERS. FOR CERTAIN QUESTIONS, MULTIPLE ANSWERS ARE POSSIBLE; IN THIS CASE, CIRCLE ALL ANSWERS GIVEN BY THE HEALTH WORKER. AFTER THE HEALTH WORKER HAS FINISHED ANSWERING THE QUESTION, ASK "ANYTHING ELSE?" IF ADDITIONAL ANSWERS ARE GIVEN AT THAT TIME, MAKE DUE RECORD OF THEM ON THE SURVEY FORM. BE CAREFUL TO FOLLOW THE SKIPS AS THEY ARE MARKED.

DO NOT READ OPTIONS ALOUD. FOR EACH OPTION, NOTE WHETHER THE HEALTH WORKER MENTIONED THIS ACTION OR NOT.

OBSERVER READ SCENARIO: **Mrs. Farida had a prolonged second stage of labor. Her baby developed fetal distress and was delivered by vacuum extraction. He is limp and does not breathe spontaneously at birth.**

Question

Yes

No

Verify Present/Not Present

Q101: OBSERVER: Describe all the actions you would take to resuscitate the baby while it is not breathing. (MULTIPLE ANSWERS POSSIBLE)

A. Keep the baby warm.

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N/A

B. Clamp and cut the cord if necessary.

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C. Transfer the baby to a dry, clean and warm surface.

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N/A

D. Inform the mother that the baby has difficulty initiating breathing and that you will help the baby to breathe.

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N/A

E. Keep the baby wrapped (and under a radiant heater if possible).

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F. Open the airway.

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N/A

G. Position the head so it is slightly extended.

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N/A

H. Suction first the mouth and then the nose.

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I. Repeat suction if necessary.

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N/A

J. Ventilate the baby.

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K. Place mask to cover chin, mouth and nose (to form seal).

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L. Squeeze the bag 2 or 3 times and look if the chest is rising.

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N/A

Q102: OBSERVER: What should you do if you ventilate the baby and the chest is not rising?

M. Check the position of the head and reposition if necessary.

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N/A

N. Check the seal of the mask and reseal if necessary.

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N/A

O. Squeeze the bag 40 squeezes per minute (up to 20 minutes) until the newborn starts breathing or crying.

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N/A

P. Put the baby on oxygen.

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Q103: OBSERVER: Unfortunately, after 20 minutes of ventilation, Baby A does not start breathing or gasping. Describe all the actions you would then take. (MULTIPLE ANSWERS POSSIBLE)

Q. Stop resuscitation measures (baby is dead).

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N/A

R. Explain to the mother what has happened.

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N/A

S. Offer supportive care and comfort to the mother (e.g., offer her the opportunity to hold her baby).

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N/A

T. Record the event.

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N/A

U. Inform medical doctor.

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N/A

RECORD TIME OF END OF THE SIMULATION (HH:MM)

___ : ___ AM/PM

WERE MULTIPLE HEALTH WORKERS INVOLVED?

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IF SO, DID THESE HEALTH WORKERS KNOW THEIR ROLES?

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IF YES, DID THEY CARRY OUT THESE ROLES?

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GO BACK TO EACH ITEM IN THE SIMULATION THAT REQUIRES A PIECE OF EQUIPMENT OR A MEDICATION AND VERIFY THAT THE EQUIPMENT OR MEDICATION IS PRESENT.

PLEASE PROVIDE ANY FURTHER COMMENTS ON THE QUALITY OF CARE: