

Theoretical - Practical Assessment

Age:

Sex: Male/Female

Hospital setting:

Evaluation of the abilities of UNMSM 6th year human medicine students to achieve adequate positive pressure ventilation using basic neonatal resuscitation manikins

Theoretical Evaluation Questions (multiple choice questions):

1. Positive Pressure Ventilation (PPV) should start

- a) In the first 30 seconds with no initial steps.
- b) In the first 60 seconds before the initial steps.
- c) In the first 60 seconds after the initial steps.
- d) None of the above

2. Select the explanations for positive pressure ventilation not expanding the chest:

- a) The mask seal is not suitable
- b) The airway is blocked (inadequate position, secretions, and malformation)
- c) The pressure exerted is not enough
- d) All of the above

3. The following count-out rhythm achieves a frequency of 40 to 60 breaths per minute with positive pressure ventilation:

- a) Breath ... Breath ... Rest..., Breath ... Breath ... Rest..., etc.
- b) Breath ... Rest ... Breath ..., Breath ... Rest... Breath ..., etc.
- c) Breath ... Two ... Three ..., Breath ... Two ... Three ..., etc.
- d) None of the above

Criteria for Practical Evaluation (the blanks are to be completed by the researcher according to instructions below):

Criterion	Completely	Inconstant	Not performed
1			
2			
3			

Criteria for Practical Evaluation (Instructions):

- Evaluation of an inflatable manikin used for training in basic neonatal resuscitation. It includes the use of a self-inflating bag.
- Duration of the evaluation: 30 seconds
- The researcher reads the following instructions: "You will have 30 seconds to demonstrate how to perform adequate positive pressure ventilation. A stopwatch will control the time, and I will warn you at the start and end."
- At the end of the 30 seconds, the researcher will mark the observed criterion performances with an X in the following table:

Criterion	Completely	Inconstant	Not performed
1 Held mask and jaw	X	X	X
2 Expanded the thorax	X	X	X
3 Spoke the rhythm out loud	X	X	X