**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

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**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

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

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Completely</th>
<th>Inconstant</th>
<th>Not performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td></td>
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</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Completely</th>
<th>Inconstant</th>
<th>Not performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Held mask and jaw</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2 Expanded the thorax</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>3 Spoke the rhythm out loud</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>