

OSCE

Candidate information

You have been asked to teach your RMO how to assess and resuscitate a newborn using the Resuscitair. Please do so!

Actor (RMO) information

Nil. Candidate needs to show how to use the Resuscitair effectively. Ideally, this would be by quickly doing a run-through, then slowing it down and explaining the steps. If time permits, they may ask you to run through the process yourself.

Marking:

- Use of Resuscitair
 - Turn on resuscitair
 - APGAR score baby when delivered to table
 - Turn manual temperature onto maximum
 - Oxygen on/air on
 - PEEP of approximately 6 (occlude mask against hand to check pressure)
 - Give the pressure of gestation – e.g. 31/40, give 30cm H₂O pressure
 - Give a few 30-40p breaths to open lungs with
 - Increase to 100% oxygen if needed
 - Give 30 seconds of ventilation
 - Check umbilicus for pulse – if >100, good. If 60-100, start CPR
- Neonate resuscitation steps
 - Warm and dry baby with towel/cloth, stimulate child
 - If HR<100 or gasping, give PPV
 - Check HR – if <100, continue PPV
 - If <60, give CPR at 90/min, 1:3 ratio
 - If HR < 60 still, give adrenaline and continue CPR

	Mark
Clearly knows how to use resuscitair/resusc trolley for neonate	2
Clear understanding of neonatal resuscitation steps in order	2
Appropriate use of PEEP/oxygen	2
Calculates pressure based on gestational age	1
Approach to teaching – clear, structured	1
Answers questions appropriately	1
Offers resources for further learning	1