

	ne		
Transition to extra-uterine life			
 Very few newborns require "resuscitation" Most will respond to simple interventions First Response interventions are therefore most important & time critical 			
•	ore mos		
•			
important & time critical			
important & time critical Interventions at birth in Australia in 2018 ⁺ (300,911 liv	vebirths)		
important & time critical Interventions at birth in Australia in 2018 [†] (300,911 liv No intervention other than drying and stimulation	vebirths) 81%		
important & time critical Interventions at birth in Australia in 2018 ⁺ (300,911 liv No intervention other than drying and stimulation Suction and/or oxygen therapy	81% 6.1%		

5

Delayed cord clamping (DCC) Vigorous newborn: ILCOR and ANZCOR suggest:

- DCC for all infants, regardless of gestational age
- Aim to delay cord clamping \geq 60 seconds if:
 - Uncomplicated term or preterm birth ≥ 34 weeks, and
 - Newborn is breathing and has good muscle tone
- Aim to delay cord clamping \geq 30 seconds if:
- Newborn <34 weeks who does not require immediate resuscitation interventions
- Ideally wait until breathing is established before clamping the cord. Do not pull on the cord.
- Continue to reassess the newborn until the cord is clamped
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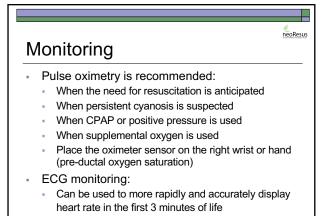
Delayed cord clamping (DCC) **Constant** Non-vigorous newborn: ILCOR and ANZCOR suggest:

- In newborns who do not breathe or have poor muscle tone at birth, or become apnoeic or hypotonic during transition on the cord:
 - Cut the cord and move the newborn to the resuscitaire
 - Insufficient evidence regarding initiating resuscitation interventions before cord clamping (studies underway)
- Avoid pulling on the cord
- Document the time of cord clamping
- Continue to assess the newborn

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	Cord milking ('stripping')
-	Term and ≥ 34 weeks' gestation newborns: Insufficient evidence of benefit of milking the intact cord
	<28 ⁺⁰ weeks' gestation newborns: ANZCOR suggest against intact cord milking
	For all newborns, irrespective of gestational age:ANZCOR suggest against milking a cut cord
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Pre-ductal pulse oximetry (SpO_2)

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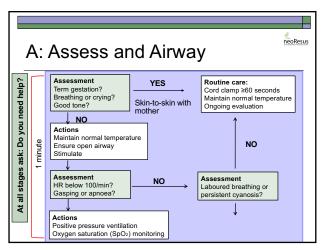
Place oximeter sensor on the right hand or wrist

Measure of arterial oxygen saturation in vessels originating from the aorta before mixing with pulmonary blood at the level of the ductus arteriosus

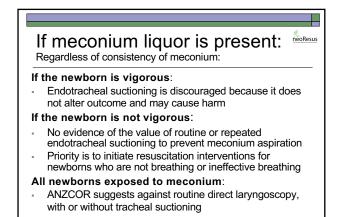
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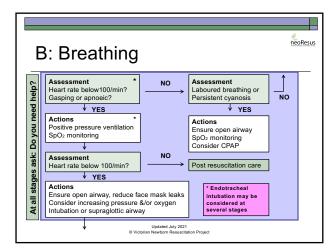
Strategies to maintain normal concentration of the second strategies of the second



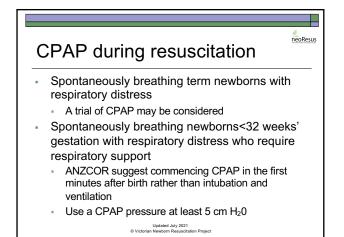




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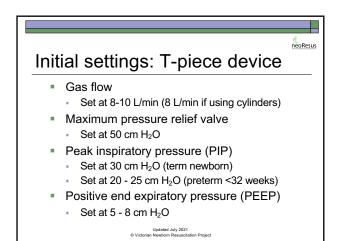
Manual ventilation devices

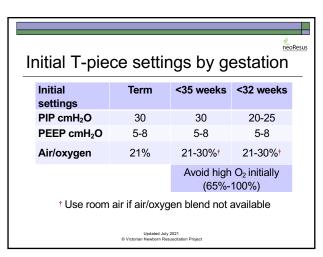
"A T-piece device, a self inflating bag (~240mL) and a flow inflating bag are all acceptable devices to ventilate newborn infants either via a face mask, supraglottic airway or endotracheal tube." (ANZCOR, 2021)

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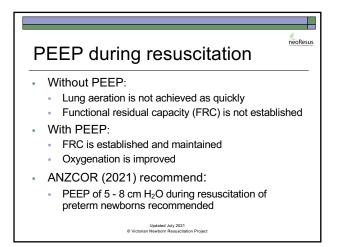


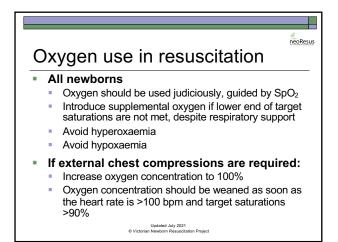
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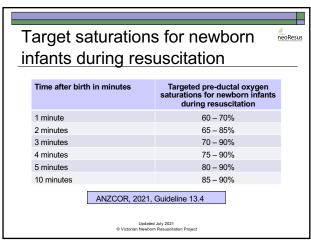




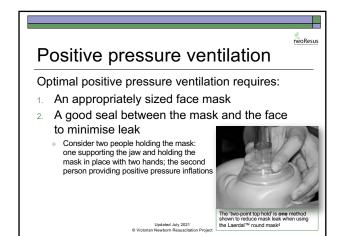


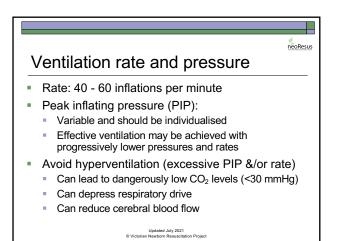












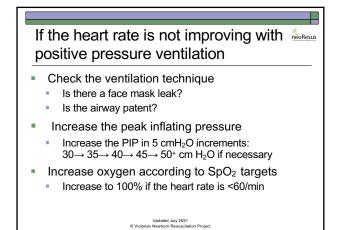
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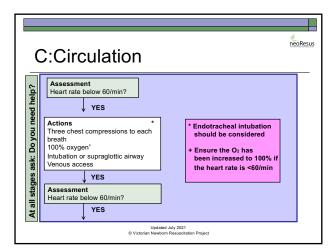
Assessing the effectiveness of positive pressure ventilation

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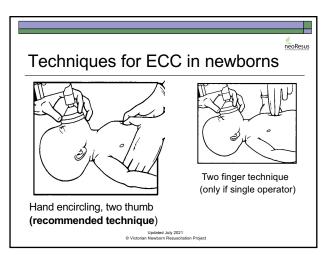
- Re-assess the heart rate every 30 seconds
- The effectiveness of ventilation is confirmed by:
- 1. An increase in the heart rate above 100/min.
- 2. A slight rise and fall of the chest and upper abdomen with each inflation.
- 3. An improvement in oxygenation (assessed by pulse oximetry).

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Advanced resuscitation

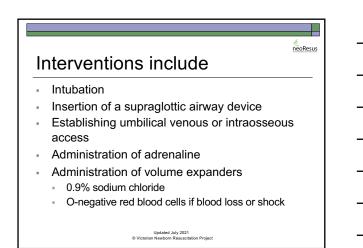
 Advanced resuscitation interventions are indicated if first response interventions do not result in an improvement in:

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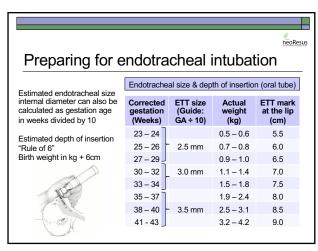
- Heart rate
- Breathing
- Pre-ductal oxygen saturation (SpO₂)
- Muscle tone

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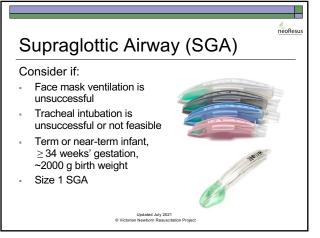
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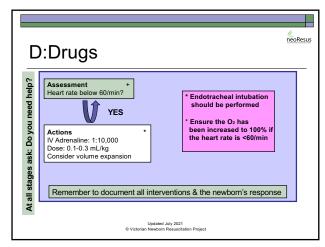


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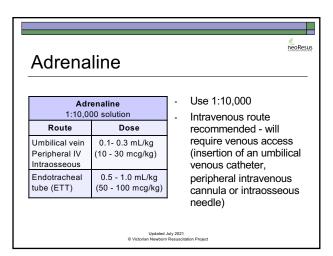




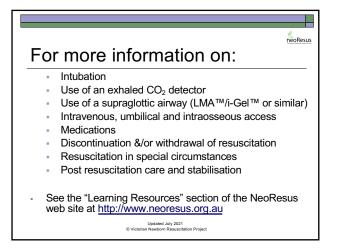


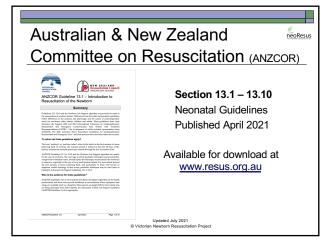


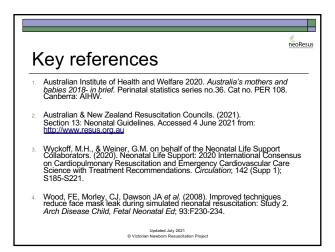


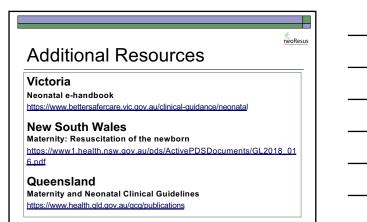












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