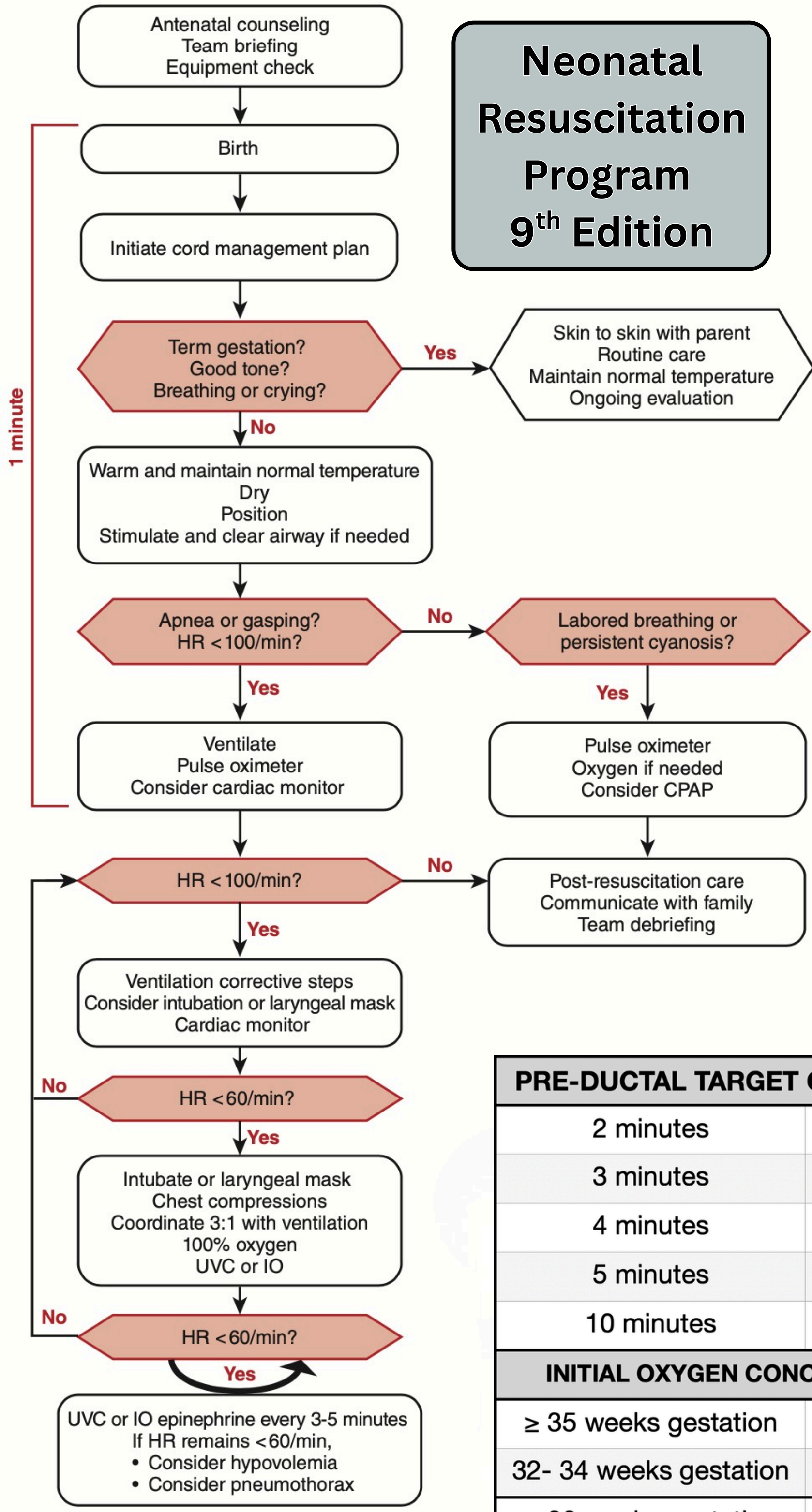




Ventilation Corrective Steps (MR SOPA)		
M	MASK ADJUSTMENT	Reapply the mask- Consider 2-hand technique
R	REPOSITIONING	Place head in neutral or slightly extended
Give 5 breaths and assess chest movement. If no movement, do the next steps		
S	SUCTION	Suction mouth and nose with suction catheter
O	OPEN MOUTH	Use a finger to gently open the mouth, or use an OPA
Give 5 breaths and assess chest movement. If no movement, do the next steps		
P	PRESSURE INCREASE	Increase in 5 cmH ₂ O increments (max 40cmH ₂ O for term and max 30cmH ₂ O for preterm)
Give 5 breaths and assess chest movement. If no movement, do the next steps		
A	ALTERNATIVE AIRWAY	Insert a Supraglottic Airway or Endotracheal Tube
VENTILATION WITH CHEST RISE 15- 30 SECONDS THAN REASSESS HEART RATE		

INITIAL ENDOTRACHEAL TUBE SIZE AND OROTRACHEAL INSERTION DEPTH			
GESTATION	INSERTION DEPTH AT GUMS	BABY'S WEIGHT	ENDOTRACHEAL TUBE SIZE
< 23 weeks	5.0-5.5cm	<0.5kg	2.5 mm ID ≤ 1.2 kg or ≤ 28 weeks
23-24 weeks	5.5cm	0.5-0.6kg	
25-26 weeks	6.0cm	0.7-0.8kg	
27-29 weeks	6.5cm	0.9-1.0kg	
30-32 weeks	7.0cm	1.1-1.4kg	3.0 mm ID > 1.2 kg - 2.2kg or 29 - 34 weeks
33-34 weeks	7.5cm	1.5-1.8kg	
35-37 weeks	8.0cm	1.9-2.4kg	3.5 mm ID > 2.2 kg or >34 weeks
38-40 weeks	8.5cm	2.5-3.1kg	
41-43 weeks	9.0cm	3.2-4.2kg	

PRE-DUCTAL TARGET OXYGEN SATURATION	
2 minutes	65-70%
3 minutes	70-75%
4 minutes	75-80%
5 minutes	80-85%
10 minutes	85-90%
INITIAL OXYGEN CONCENTRATION FOR PPV	
≥ 35 weeks gestation	21% oxygen
32- 34 weeks gestation	21-30% oxygen
< 32 weeks gestation	≥ 30% oxygen
DURING CHEST COMPRESSIONS OXYGEN TO 100%	
ASSISTED VENTILATION STARTING PRESSURES	
≥ 32 weeks gestation	25 cmH ₂ O
< 32 weeks gestation	20 cmH ₂ O

DOPE	
D	Displaced airway
O	Obstructed airway
P	Pneumothorax
E	Equipment failure

CARDIO	
C	Chest Movement
A	Airway Insertion
R	Rate of Compressions
D	Depth of Compressions
IO	Inspired Oxygen at 100%

MEDICATION	PREPARATION	DOSE	VOLUME	ADMINISTRATION
Epinephrine ETT	Draw up in 5mL syringe and label for ETT	0.1mg/kg	1mL/kg	ETT push, NO flush Provide 3 PPV breaths
Epinephrine IV/IO	Draw up in 1 or 3mL syringe and label for IV	0.02mg/kg - 0.03mg/kg	0.2mL/kg - 0.3mL/kg	IV/IO push, 3mL flush Q3-5 minutes
Normal Saline	Draw up in 30-60mL syringe and label	10mL/kg	10mL/kg	Administer over 5-10 minutes

