

Preterm

< 32 weeks

Place undried body in a plastic bag

+ radiant heat

If breathing consider:

• CPAP 5-8 cm H₂O

If not breathing:
• Initial PIP 25 cm H₃O

• Peep 5-6 cm H₂O

• 30% FiO,

• 30% FiO₃

Newborn life support

(Antenatal counselling)

Team briefing and equipment check

Birth

Start clock

Delay cord clamping. Stimulate. Thermal care.

Assess

Breathing, heart rate, tone

Ensure an open airway

Breathing inadequate

- Give 5 inflation breaths 30 cm H₂O, air, look for chest rise
- PEEP 5-6 cm H₂O, if possible

Reassess heart rate and chest rise

Acceptable pre-ductal SpO₂

3 min	70-75%
5 min	80-85%
10 min	90-95%

Titrate O₂ to achieve target SpO₃

Chest moving

 Start ventilation breaths (30 min⁻¹)

Chest not moving

- Check mask, head and jaw position
- 2 person support
- Consider:
 - SGA
 - →Inflation pressures
 - Suction
 - Tracheal tube
- Repeat 5 inflation breaths

Reassess heart rate and chest rise

Once chest is moving continue ventilation breaths

If heart rate is < 60 $\rm min^{-1}$ after 30 seconds of ventilation breaths

15 cycles of 3 chest compressions : 1 ventilation

- Synchronise chest compressions and ventilation
- 100% Oxygen

- Consider SGA or intubation
- Reassess heart rate/chest rise every 30 seconds

If the heart rate remains < 60 min-1

- Vascular access
- Consider drugs and intravascular volume
- Check blood glucose
- Consider other factors –
 hypovolaemia, pneumothorax,
 congenital abnormality

Update parents, complete records and debrief team

Keep baby wa