Newborn Life Support

At all stages ask: do you need help?

Term gestation?
Breathing or crying?
Good tone?

NO

Maintain normal temperature,
Ensure open airway,
Stimulate

HR below 100?
Gasping or apnoea?

YES

Positive pressure ventilation
SpO₂ monitoring

NO

Laboured breathing
or persistent cyanosis?

YES

Ensure open airway
SpO₂ monitoring
Consider CPAP

NO

Post-resuscitation care

NO

Targeted pre-ductal SpO₂ after birth

1 min 60-70%
2 min 65-85%
3 min 70-90%
4 min 75-90%
5 min 80-90%
10 min 85-90%

Maintain normal temperature,
Ongoing evaluation

HR below 100?

YES

Ensure open airway
Reduce leaks
Consider:
Increase pressure & oxygen
Intubation or laryngeal mask

HR below 60?

YES

Three chest compressions to
each breath
100% oxygen
Intubation or laryngeal mask
Venous access

HR below 60?

YES

IV Adrenaline
Consider volume expansion

IV Adrenaline 1:10,000 solution

Gestation (weeks) Dose
23-26 0.1 mL
27-37 0.25 mL
38-43 0.5 mL

10-30 microg/kg (0.1-0.3 mL/kg)

AUSTRALIAN RESUSCITATION COUNCIL
NEW ZEALAND Resuscitation Council
WHAKAHAUORA AOTEAROA