Neonatal Resuscitation Algorithm

Antenatal counseling
Team briefing and equipment check

Birth

Term gestation?
- Good tone?
- Breathing or crying?
  - Yes

Warm and maintain normal temperature, position airway, clear secretions if needed, dry, stimulate

1 minute

Apnea or gasping?
- HR below 100/min?
  - No

Laboratory breathing or persistent cyanosis?
  - Yes

PPV
- SpO₂ monitor
- Consider ECG monitor

PPV
- SpO₂ monitor
- Consider ECG monitor

HR below 100/min?
  - No

Check chest movement
- Ventilation corrective steps if needed
- ETT or laryngeal mask if needed

HR below 100/min?
  - Yes

Intubate if not already done
- Chest compressions
- Coordinate with PPV
- 100% O₂
- ECG monitor
- Consider emergency UVC

HR below 60/min?
  - Yes

IV epinephrine
- If HR persistently below 60/min
- Consider hypovolemia
- Consider pneumothorax

10 min
85%-95%

© 2020 American Heart Association