Newborn Resuscitation Algorithm

**Birth**

1. **Term gestation?**
   - **Breathing or crying?**
     - **Good tone?**
       - Yes, stay with mother
       - No

2. **Warm, clear airway if necessary, dry, stimulate**
   - No

3. **HR below 100, gasping, or apnea?**
   - Yes
     - PPV, SpO₂ monitoring
     - **Clear airway SpO₂ monitoring Consider CPAP**
   - No

4. **Labored breathing or persistent cyanosis?**
   - Yes
   - Post resuscitation care
   - No

5. **Targeted Preaduct SpO₂ After Birth**
   - 1 min 60% - 65%
   - 2 min 65% - 70%
   - 3 min 70% - 75%
   - 4 min 75% - 80%
   - 5 min 80% - 85%
   - 10 min 85% - 95%

6. **HR below 100?**
   - Yes
     - Take ventilation corrective steps
     - **Consider intubation Chest compressions Coordinate with PPV**
   - No

7. **HR below 60?**
   - Yes
     - **If no colour change in CO₂ sensor and no clinical improvement, remove ETT**
   - No

8. **Take ventilation corrective steps Intubate if no chest rise**
   - No

9. **Give Volume and consider Pneumothorax**

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* KEMH modification

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