Term gestation? Breathing or crying? Good tone?

- YES Stay with Mother
- NO

Stimulate
Ensure open airway
Consider suction
Prevent heat loss

Gasping or apnoea?

- YES
- NO

Laboured breathing or Persistent cyanosis?

Ensure open airway
Consider: \(O_2\) therapy; +/-CPAP; \(\text{SpO}_2\) monitoring

HR below 100?

- YES
- NO

Continue ventilation
Re-evaluate adequacy
Consider: ETT/LMA; \(\text{SpO}_2\) monitoring

HR below 60?

- YES
- NO

Add chest compressions
3 compressions to each breath
100% oxygen
Consider: ETT/LMA/UVC

HR below 60?

- YES
- NO

Continue CPR
Consider: UVC; Adrenaline; Volume expansion; ECG monitoring

**Adrenaline dose (1:10,000)**

<table>
<thead>
<tr>
<th>Gestation</th>
<th>via ET tube</th>
<th>via UVC</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 30 weeks</td>
<td>1 mL</td>
<td>0.25 mL</td>
</tr>
<tr>
<td>30–35 weeks</td>
<td>2 mL</td>
<td>0.5 mL</td>
</tr>
<tr>
<td>&gt; 35 weeks</td>
<td>3 mL</td>
<td>1.0 mL</td>
</tr>
</tbody>
</table>

\((1 \text{ mL/kg}) \quad (0.3 \text{ mL/kg})\)

Volume: Normal Saline (0.9%), 10–20 mL/kg

**Tube insertion depth (oral)**

<table>
<thead>
<tr>
<th>Weight kg</th>
<th>Tube size mm</th>
<th>Depth cm*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>3.0</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>3.5</td>
<td>9</td>
</tr>
<tr>
<td>4</td>
<td>4.0</td>
<td>10</td>
</tr>
</tbody>
</table>

*=1 cm/kg + 6 cm (upper lip). Add 1 cm if nasal

**Endorsed by**: SA Health Neonatal Resuscitation Group, Dec 2015
**Adapted from**: ILCOR 2015, ARC 2016
**Version**: March 2016 (6186 Neonatal Resuscitation)