8.03 P. Childbirth - Emergency (Neonate / “Newly Born”) - PEDIATRIC ONLY

**BLS**

Childbirth procedure as per "Childbirth - Emergency (Mother)" protocol

Assist delivery, checking for nuchal cord.
If nuchal cord, remove the cord from around the neck.

*Once completely delivered, Stimulate Child / Dry Child / Keep Child Warm*

Clamp / Cut umbilical cord
This should be delayed one minute in the neonate that does not require resuscitation

**Post-Delivery Care**
- Baby can Stay With Mother
- Provide Warmth
- Reassess Frequently
- Place Monitor
- Notify ALS
- Further Orders per Online Physician

**Reposition Airway. Assess Respirations, Heart Rate and Color.**

**Suction Airway as Required** *a*

**Term Gestation?**
**Breathing or Crying?**
**Good Muscle Tone?**
**Pink?**

**YES to ALL**

**NO to ANY**

**Post-Resuscitative Care**
- Provide Warmth
- Reassess Frequently
- Place Monitor
- Notify ALS
- Further Orders per Online Physician

**ALS**

**ALS Care Continued on Next Page**

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*a* Suction as directed in 7.02 L. Airway Management, Neonatal
8.03 P.

Childbirth - Emergency (Newborn) NOTES

Table 8-4: APGAR Score

<table>
<thead>
<tr>
<th>Sign</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>Score @ 1 Min.</th>
<th>Score @ 5 Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Skin Color)</td>
<td>Blue, Pale</td>
<td>Body Pink, Extremities Blue</td>
<td>Completely Pink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulse Rate (Heart Rate)</td>
<td>Absent</td>
<td>Below 100</td>
<td>Above 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grimace (Irritability)</td>
<td>No Response</td>
<td>Grimaces</td>
<td>Cries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity (Muscle Tone)</td>
<td>Limp</td>
<td>Some Flexion of Extremities</td>
<td>Active Motion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory (Effort)</td>
<td>Absent</td>
<td>Slow and Irregular</td>
<td>Strong Cry</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* If unable to obtain an IV/IO within 90 seconds and/or two attempts, administer: 
  **Epinephrine** (1:1000) 0.1 mg/kg ETT, followed by 2 cc NS flush. Ventilate for three minutes and re-attempt IV/IO access.

A. Emergency Childbirth Procedure
   1. Assist delivery, checking for umbilical cord wrapped around the neck. If the cord is wrapped around the neck, remove the cord.
   2. When the child’s head is delivered, clear the airway. Suction the child immediately, prior to the child taking a breath *Reference 7.02 L. Neonatal / “Newborn” Airway Management.*
   3. Once completely delivered, stimulate the child by vigorously drying child with a towel.
   4. Wrap the child in a thermal blanket or dry towel. Place on his/her back and keep the child warm.
   5. After the child is completely delivered, clamp and cut the cord 2-3 inches from infant’s abdomen.

B. Notify the Base Station of a neonatal arrest situation as early as possible in order to ensure the availability of a physician to provide on-line medical control.

C. If after 2 minutes or two failed IV attempts, initiate intraosseous access.