



ORANGE COUNTY EMERGENCY MEDICAL SERVICES
BASE HOSPITAL TREATMENT GUIDELINES
NEWBORN IN FIELD - PEDIATRIC

#: BH-P-10
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Org. Date: 04/01/17
Revised Date: 02/09/22

BASE GUIDELINES

1. Hospitals with Obstetrical Service (appropriate for triage of mother and newborn):

Anaheim Regional Medical Center
Fountain Valley Regional Hospital
Hoag – Irvine
Hoag – Newport Beach
Kaiser - Anaheim
Kaiser - Irvine
Mission Hospital – Mission Viejo
Orange Coast Memorial Medical Center
Orange County Global Medical Center
Saddleback Memorial Medical Center
St. Joseph Hospital
St. Jude Medical Center
South Coast Global Medical Center
UCI Medical Center

2. Once cord is clamped, it does not necessarily need to be cut in the field.
3. If a nuchal cord occurs upon delivery, instruct the paramedic to slip a finger under the cord and move it over the head to free the cord, slight to moderate stretching the cord to accomplish this maneuver is appropriate.

ALS STANDING ORDER

1. If possible, deliver infant in a warm, draft-free area.
2. Minimize heat loss: dry face, head, and body. Do not allow wet linen to remain in contact with child. Wrap infant in dry blanket or towel.
3. Position infant on back or on side with neck in a neutral position. If copious secretions are present, place on side with neck slightly extended to allow secretions to collect in the mouth rather than the posterior pharynx.
4. Assure airway is open; provide oxygen by blow-by-technique until child is active and crying.
5. Perform Apgar score at 1 minute and 5 minutes after birth (see Guidelines below).
6. If possible, clamp and cut cord (see OCEMS Procedure B-060).
7. Contact Base Hospital (CCERC base preferred) for appropriate destination with neonatal care capability.
8. ALS escort with mother.

NEWBORN IN DISTRESS:

If respiratory depression:

- A. Assure airway is open and clear of secretions.
- B. Administer oxygen by blow -by technique.
- C. Stimulate by rubbing along the spine or slap feet.
- D. Reposition to ensure open airway.
- E. For respiratory depression due to suspected maternal use of narcotics and unresponsive to stimulation:
 - *Naloxone 0.1 mg/kg IN/IM once to a maximum of 1 mg.*
- F. Contact Base Hospital (CCERC base preferred) for appropriate destination with neonatal care capability

Gasping Respirations/ Apnea / HR <100/minute / Persistent Cyanosis:

- A. Assisted positive pressure ventilation with appropriately sized bag-valve- mask, rate 40-60 breaths/minute with 100% oxygen.
- B. Contact Base Hospital (CCERC base preferred) for appropriate destination with neonatal care capability.

Approved:

Carl Schultz, MD

Reviewed: 02/2022

Final Implementation Date: 3/1/2022

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BASE GUIDELINES

APGAR SCORE

- The Apgar Score measures newborn's status.
- Each of the five categories are scored from 0-2 and then totaled. Apgar scoring is done twice; 1 minute after birth and 5 minutes after birth.
- Resuscitation, if needed, should not await Apgar scoring.

Scoring	0	1	2
Heart Rate	Absent	Slow (Below 100)	≥ 100
Respiratory Effort	Absent	Weak Cry; Hypoventilation	Strong Cry
Muscle Tone	Limp	Slight Flexion of Extremities	Active Flexion
Reflex Responses *	No Response	Some Grimace	Cough, sneeze, cry, withdrawal
Color	Blue, pale	Body pink, Extremities blue	Completely pink

- Total score indications are:
 - One (1) minute Apgar Score indications:
 - 7-10 ---- a healthy infant
 - 4-6 ---- a potentially sick infant
 - 0-3 ---- a severely depressed infant
 - Five (5) minute Apgar Score indication s:
 - 7-10 ---- a healthy infant
 - 4-6 ---- a potentially sick infant
 - 0-3 ---- a severely depressed infant

*Test for reflex irritability by using a mild pinch to the abdomen or slapping the feet

ALS STANDING ORDER

Heart Rate < 60/minute / No Response to Above Measures:

- Begin chest compressions; interpose chest compressions with ventilations in a 3:1 ratio (90 compressions and 30 breaths per minute).
- Contact Base Hospital (CCERC base preferred) for appropriate destination with neonatal care capability.

TREATMENT GUIDELINES:

- Drying and suctioning usually produce enough stimulation to initiate effective respirations in most newborns.
- To determine heart rate: auscultate, do not attempt to palpate.

Approved:

Carl Schmitt, MD

Reviewed: 02/2022

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