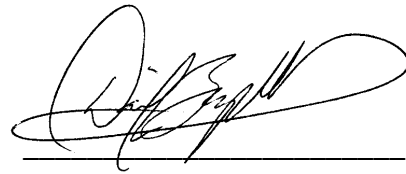


EL DORADO COUNTY EMS AGENCY

PREHOSPITAL PROTOCOLS

Effective: January 1, 2017



EMS Agency Medical Director

BLS Neonatal Resuscitation

OBJECTIVE FINDINGS:

- Patients less than 24 hours of age
- Heart rate

TREATMENT:

1. Position airway and suction mouth and nose with bulb syringe.
2. Warm and dry neonate with thermal blankets or dry towel.
3. Stimulate neonate by drying vigorously including head and back
4. Assess/evaluate breathing and heart rate (APGAR)
5. Ensure ALS transport

Heart Rate > 100 beats per minute

1. Assess skin color – if peripheral cyanosis (blue skin) is present administer 100% oxygen via blow by
2. Reassess heart rate and respiratory rate every 30-60 seconds

Heart Rate 80-100 beats per minute

1. Oxygen 100% via mask
2. Stimulate neonate
3. Reassess – if < 100 after 30 seconds of oxygenation and stimulation, begin assisted ventilations with 100% oxygen via neonatal BVM at 40-60 breaths per minute.
4. Reassess heart rate and respiratory rate every 15-30 seconds.

Heart rate 60-80 beats per minute

1. Assist ventilations with 100% oxygen via neonatal BVM 40-60 breaths per minute.
2. Start CPR 120 compressions per minute, if no increase in heart rate following initiation of ventilations. If heart rate increases continue ventilations without compressions for 15-30 seconds. **NOTE:** preferred compression technique is encircling with both hands and compressing sternum with thumbs.

3. Reassess heart rate and respirations every 15-30 seconds

Heart Rate < 60 beats per minute

1. Assist ventilations with 100% oxygen via neonatal BVM at 40-60 breaths per minute
2. Start CPR 120 compressions per minute
3. Reassess heart rate and respirations every 15-30 seconds.