

- a. Antepartum hemorrhage
- b. Postpartum hemorrhage
- c. Breech presentation
- d. Limb presentation
- e. Complicated nuchal cord (around neck) – unable/difficult to reduce
- f. Prolapsed umbilical cord
- g. Shoulder dystocia
- h. Maternal cardiac arrest
 - i. If anticipated transport time is greater than 30 minutes
- 3. Some light bleeding/bloody show (blood-tinged mucus/fluid) is normal with any childbirth
 - a. Large quantities of blood/clots or profuse bleeding are abnormal

Table 1. APGAR Score

Sign	0	1	2
Appearance:	Blue, Pale	Body pink, Extremities blue	Completely pink
Pulse:	Absent	Slow (less than 100)	≥ 100
Grimace:	No response	Grimace	Cough or Sneeze
Activity:	Limp	Some flexion	Active motion of extremities
Respirations:	Absent	Slow, Irregular	Good, Crying

Quality Improvement

Associated NEMSIS Protocol(s) (eProtocol.01) (*for additional information, go to www.nemsis.org*)

- 9914133 – Medical - Neonatal/Newborn Resuscitation
- 9914155 – OB/GYN - Childbirth/Labor/Delivery
- 9914161 – OB/GYN - Pregnancy Related Disorders
- 9914163 – OB/GYN - Postpartum Hemorrhage

Key Documentation Elements

- Document all times (delivery, contraction frequency and length)

Performance Measures

- Recognition of complications
- Documentation of APGAR scores
- Maternal reassessment

References

1. Beaird DT, Ladd M, Kahwaii CI. EMS Prehospital Deliveries. *Stat Pearls*. 12-27-2020
2. Flanagan B, Lord B, Barnes M. Is unplanned out-of-hospital birth managed by paramedics 'infrequent', 'normal' and 'uncomplicated'? *BMC Pregnancy Childbirth*. 2017 Dec 22;17(1):436