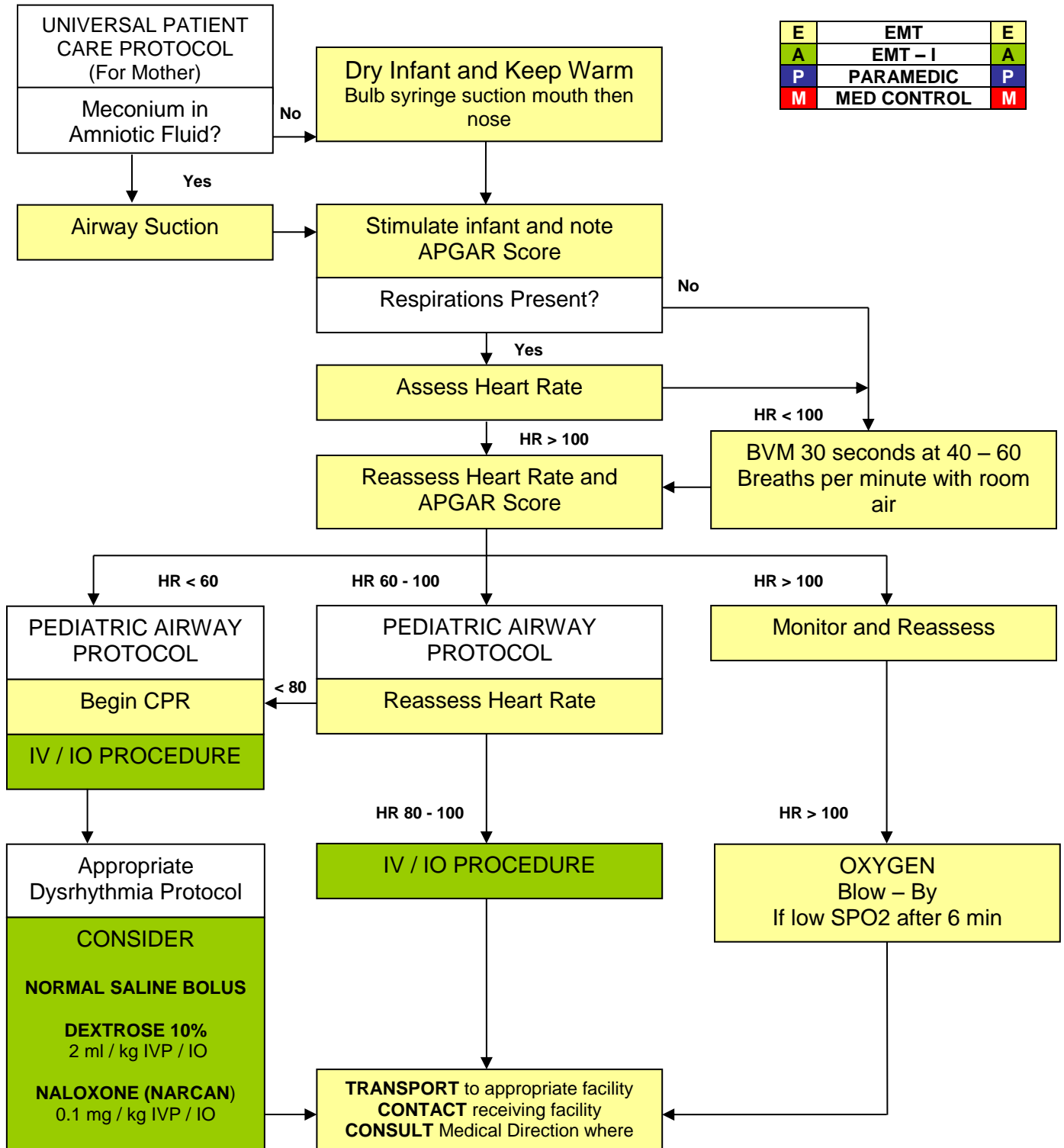




Section 9: Pediatric ACLS Protocols

PEDS ACLS: NEONATAL RESUSCITATION





Section 9: Pediatric ACLS Protocols

PEDS ACLS: NEONATAL RESUSCITATION-Cont.

PEARLS and KEY POINTS

HISTORY	SIGNS AND SYMPTOMS	DIFFERENTIAL DIAGNOSIS
<ul style="list-style-type: none"> • Due date and gestational age • Multiple gestation (twins etc.) • Meconium • Delivery difficulties • Congenital disease • Medications (maternal) • Maternal risk factors substance abuse smoking 	<ul style="list-style-type: none"> • Respiratory distress • Peripheral cyanosis or mottling (normal) • Central cyanosis (abnormal) • Altered level of responsiveness • Bradycardia 	<ul style="list-style-type: none"> • Airway failure • Secretions • Respiratory drive • Infection • Maternal medication effect • Hypovolemia • Hypoglycemia • Congenital heart disease • Hypothermia

- **Exam: Mental Status, Skin, HEENT, Neck, Chest, Heart, Abdomen, Extremities, Neuro**
- Maternal sedation or narcotics will sedate infant Naloxone (Narcan) will be effective.
- Consider hypoglycemia in infant.
- If the patient is in distress, consider causes such as; hypovolemia. Administer a 10 ml / kg fluid bolus of normal saline.
- If the BGL less than 40 mg / dl go to the Pediatric Diabetic Protocol.
- Hypothermia is a common complication of home and field deliveries. Keep the baby warm and dry.
- If there is a history of recent maternal narcotic use, consider Naloxone (Narcan) 0.1 mg / kg every 2 - 5 minutes until patient responds.
- Meconium may need to be suctioned several times to clear airway. Use bulb syringe.
- Intubation of child is only done when the infant is **NOT** vigorous.
- If drying and suction has not provided enough stimulation, try rubbing the infant's back or flicking their feet. If the infant still has poor respiratory effort, poor tone, or central cyanosis, consider them to be distressed, Most distressed infants will respond quickly to BVM.
- Use caution not to allow newborns to slip from grasp.

APGAR SCORING			
SIGN	0	1	2
COLOR	Blue / Pale	Pink Body, Blue Extremities	Completely Pink
HEART RATE-Focus on	Absent	Below 100	Above 100
IRRITABILITY (Response to Stimulation)	No Response	Grimace	Cries
MUSCLE TONE	Limp	Flexion of Extremities	Active Motion
RESPIRATORY EFFORT Focus on	Absent	Slow and Regular	Strong Cry