Look for EMERGENCY signs

Not breathing at all (even when stimulated) OR gasping respiration OR respiratory rate less than 20/minute

APNEA OR GASPING RESPIRATION

- Start PPV
- Continue oxygen

Weak and fast pulse (HR>180wmt) AND Extremities cold to touch AND Capillary Refill Time> 3 sec, with or without pallor, or lethargy or unconscious

SHOCK

If bleeding is the likely cause of shock:
- Infuse normal saline 10 ml/kg body weight over 10 minutes
- Stop external bleeding
- Give Vit K IV

If bleeding is not the likely cause of shock:
- Give 10 ml/kg normal saline over 30 min (Follow STP)

Bleeding

BLEEDING

Manage airways, Check and manage low blood glucose, check Calcium, Give anticonvulsants (Follow STP)

Seizures

SEIZURES

Treat Hypoglycemia (Follow STP)

Blood glucose less than 45 mg/dL

HYPOGLYCEMIA

Keep under warmer Rapid re-warm if temp <32 up to 34 C and then gradual rewarming (Follow STP)

Temperature <36.0°C

MODERATE TO SEVERE HYPOTERMIA

For additional / next level management please refer to WHO Guidelines (Managing Newborn Problems and Pocket Book of Hospital Care of Children), http://www.ontop-in.org/sick-newborn/, http://www.newbornwho.cc/
ASSESSMENT FOR SPECIFIC CONDITIONS

(AFTER EMERGENCY MANAGEMENT OR IF EMERGENCY SIGNS ARE ABSENT)

NEONATAL HISTORY
- Age of the neonate and the birth weight if available.
- Was the baby born term? If not, then at what gestation?
- Delayed Cry/ not breathing at birth/ requirement of BMV at birth
- Is the baby having any other problem in feeding/ choking/ vomiting?
- When did the problem start?
- Has the baby worsened?

MATERNAL HISTORY
- Medical, obstetric, social history,
- Pregnancy: Duration, chronic diseases, HIV, any complications, history of maternal fever
- Labour: Any complications, duration of rupture of membranes, any complication-fetal distress, prolonged labor, caesarean section, color and smell of amniotic fluid, instrumental delivery, vaginal delivery, malposition, malpresentation, any other complications

EXAMINATION
- Recheck Temperature*
- Recheck Heart rate*
- Recheck Respiratory rate*
- Severe chest indrawing, grunting, central cyanosis.
- Abdominal distention and/or vomiting
- Seizure
- Lethargy
- Jaundice
- Any other obvious abnormality

*IF taken more than 30 minutes before

Newborn with hypothermia
- Follow STP
- Preterm
- Follow STP for Feeding of Low Birth weight and Sick Neonates

Newborn with sepsis
- Suspect if any of following signs are present
  - Breathing difficulty, abnormal movements, unconscious or lethargic, not feeding or poor feeding, abdominal distension, or vomiting
  - OR
  - Maternal risk factors for sepsis present

Neonate with breathing difficulty
- Neonate with birth asphyxia
  - Requiring bag and mask ventilation / intubation / drugs at birth

Neonate with jaundice
- Follow STP

Newborn with Seizure
- Follow STP

Baby may have more than one condition to treat; so look for all conditions

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