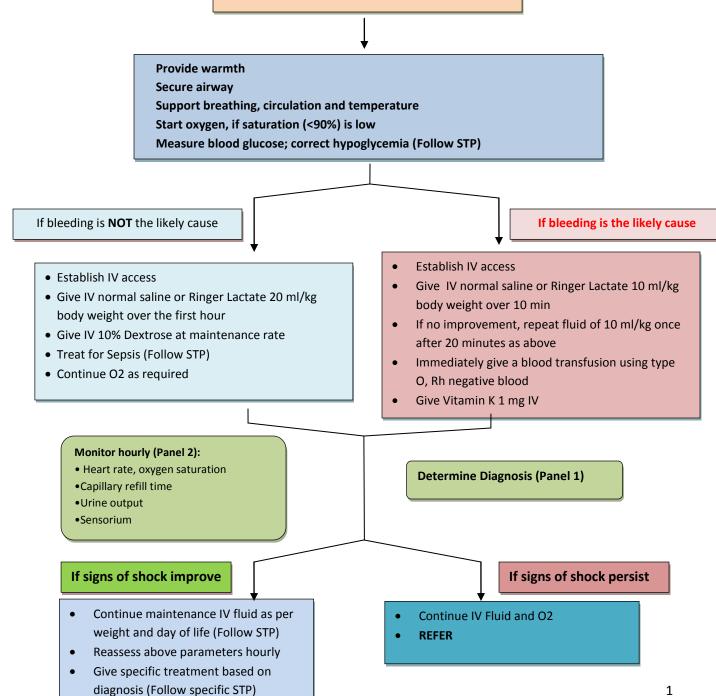


Standard Treatment Protocol for management of common newborn conditions in small hospitals (Adapted from WHO Guidelines)



Shock in Newborn

- Weak & fast pulse (HR>180/min) AND
- Extremities cold to touch AND
- Capillary Refill Time >3 sec
 - With or without the following signs:
- Colour- very pale
- Lethargy, not arousable on stimulation



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.newbornwhocc.org/

Cause	History / Examination				
Blood loss	Antepartum hemorrhage Blood loss internal/external Age day 1				
Asphyxia	Need for Resuscitation for poor respiratory efforts at birth Hypoxic ischemic encephalopathy (See STP for Management of asphyxiated neonates)				
Sepsis	Predisposing factors for infection Age > day 3				
Severe dehydration	Loose stool, vomiting, failure to feed + Signs of dehydration				
Cardiac	Term baby; normal at birth Age day 3-4 Look for feeble or delayed femoral pulse, cardiac murmur (coarctation of aorta)				
Persistent Pulmonary Hypertension of the Newborn (PPHN)	Meconium stained term baby Age day 1-3				

Panel 1: Diagnostic clues based on history and clinical examination

Panel 2: Monitoring of baby with shock

Signs	At admission	1 hr	2 hr	3 hr	4 hr
Heart Rate/min					
Capillary refill time					
Urine output					
Sensorium					
Temperature difference (core-extremities)					