

Newborn Early Warning System (NEWS) Chart

Observe newborn in Postnatal/Recovery ward until discharge or transfer
Perform observations at **1 and 2 hours** of age, and then **every 4 hours until discharge**,
Unless more frequent observations have been requested by a Dr/Pediatric nurse/DART

Criteria to Request Evaluation by Dr/Pediatric Nurse/DART :

Birth weight below 2 kg or above 4 kg
Babies born to HIV/TB mothers, Hep B positive and syphilis positive mothers.
Any baby the midwife or obstetrician is concerned about:

- Mothers with bad obstetric history
- Teenage mothers
- Abnormal fetal scans
- Maternal mortality
- Born at home or born before arrival

Maternal illicit drug use and alcohol
Babies who required any help or resuscitation at birth
Infant born to diabetic mothers
Hypoglycemia
Babies born to mothers who are Rhesus negative, Blood group O and G6PD deficient mothers.
Babies with congenital abnormalities.
Risk of sepsis (PROM ≥ 18 hours, maternal temperature ≥ 38), chorioamnionitis)
Babies below 36 weeks of gestational age or ≥ 41 weeks
Babies with meconium-stained liquor
Babies with SpO₂ less than 92% after 10 minutes of life
Babies with an APGAR score less than 7 at 5 minutes

Criteria for NICU Admission:

Birth weight less than 1.8 kg
Respiratory distress with the following;

- Lower chest indrawing,
- Flaring of the nares,
- Grunting,
- Recurrent apnea,
- SpO₂ below 92%,
- Respiratory rate more than 80 pm

Untreated/Inadequately treated syphilis
Babies who require bag and mask resuscitation
Babies who have jaundice within the first 24 hours of life
Major/Life threatening congenital abnormalities
Probable/confirmed sepsis (risk of sepsis, abnormal temp)
Babies with gestational age of below 35 weeks
Suspected/confirmed surgical cases
Moderate to severe birth asphyxia
Ambiguous genitalia
Babies with neonatal seizures

If any critical concerns with baby despite normal observations then call for medical review.

Newborn Early Warning System (NEWS) Chart

Name:		LHIMS Patient ID No:		Unit:	
Hospital:		Date of Birth:	Time of Birth:	Birth Weight:	Circle: Breast milk / Formula

DATE:																				
TIME	1 hr after birth	2 hrs after birth	6	10	2	6	10	2	6	10	2	6	10	2	6	10	2	6	10	2
am/pm																				
INITIAL:																				

Daily Weight (+ / -)																				
Feeding																				
Urine																				
Stool																				

Temperature °C	38.0																			
	37.5																			
	37.0																			
	36.5																			
	36.0																			
	35.5																			
	Value																			

Respiratory Rate	80																			
	70																			
	60																			
	50																			
	40																			
	30																			
	Value																			

Grunting																				
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Heart Rate	190																			
	180																			
	170																			
	160																			
	150																			
	140																			
	130																			
	120																			
	110																			
	100																			
	90																			
	80																			
	70																			
	60																			
Value																				

Oxygen Saturation	≥ 94																			
	93 - 91																			
	≤ 90																			

Neuro	Alert																			
	Irritable																			
	Jittery																			
	Poor feed																			
	Floppy																			
	Seizures																			

Glucose Value																				
Glucose < 2.6																				

Bilirubin Level (TcB)																				
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All observations in white -> Continue observations. No action.																			
1 observation in yellow -> Inform Dr/Pediatric nurse/DART/shift lead. Repeat observations in 30 minutes.																			
2 or more observation in yellow -> Immediately call Dr/Pediatric nurse/DART for urgent medical review.																			
1 or more observations in red -> Immediately call NICU for urgent admission.																			