

NICU Disease Process Map

D.O.B. : 8/22/2025

APGAR at birth: 1 min-8, 5 min-9

Gestational Age: 32 weeks 5 days

Adjusted Gestational Age: 33 weeks 3 days

Birthweight: 3 lbs. 8 oz./1588 grams

Current weight: 3 lbs. 9.5oz./1630 grams

Disease Name: Hyperbilirubinemia

What is happening in the body?

Hyperbilirubinemia happens when there is too much bilirubin in the blood. Normally the liver can clean out bilirubin and it is excreted through urine and stool. If the liver is not working correctly, or is not fully mature like in pre-mature babies, bilirubin can build up. This makes the skin and eyes turn yellow, which is called jaundice.



What am I going to see during my assessment?

- Yellowing of skin and eyes (jaundice)
- Lethargic
- Poor feeding / weak sucking



What tests and labs will be ordered?

- Total Serum Bilirubin
- CBC
- CMP
- AST
- ALT



What trends and findings are expected?

What medications and nursing interventions/treatments will you anticipate?

Main Treatment: Phototherapy – turn baby every 3-4 hours, make sure they have on protective eye covering

IV fluids or increased oral feeds

