

## NICU Disease Process Map

D.O.B. June 13 <sup>th</sup> , 2024	APGAR at birth: N/A
Gestational Age: 82d	Adjusted Gestational Age: 35wk 3d
Birthweight: 600 grams	
Current weight: 1870 grams	

Disease Name: Anemia of prematurity

What is happening in the body?

Anemia of prematurity means that a baby born early (premature) doesn't have enough red blood cells. Red blood cells carry oxygen to the body, in premature babies the number of red blood cells may decrease faster and go lower than in full-term babies.

- Untimely birth occurring before placental iron transport and fetal erythropoiesis are complete.



What am I going to see during my assessment?

During assessment you might see pale skin, feel tired and short of breath.

S/S tachycardia, tachypnea, apnea and bradycardia, poor weight gain, diminished activity, pallor and poor feeding.



What tests and labs will be ordered?

The labs needed are hemoglobin level and reticulocyte count will be needed to conform diagnosis.

- CBS, HPLC, MCV and RBC



What trends and findings are expected?

What medications and nursing interventions/treatments will you anticipate?

The nursing interventions/treatments that are anticipated are addressing inadequate oxygenation, managing fatigue and activity intolerance, identify nutritional deficiencies, administer prescribed medications, monitor blood transfusions, and provide education and support.

