

NICU Disease Process Map

D.O.B. 2/25/2025	APGAR at birth: 6
Gestational Age: 27 weeks, 4 days	Adjusted Gestational Age _____
Birthweight 2 lbs. 13.9 oz./ 1300 grams	
Current weight 5 lbs. 6.8 oz./ 2460 grams	

Disease Name: Anemia of prematurity

What is happening in the body? Premature infant does not have enough RBCs to carry O₂ throughout the body, premature infants are not producing enough RBCs to keep up with their rapid growth and development.



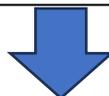
What am I going to see during my assessment?

- Pale skin, tachycardia, tachypnea, apnea
- Trouble feeding, poor weight gain and reduced activity



What tests and labs will be ordered?

- CBC
- Peripheral blood smear
- Iron studies



What trends and findings are expected?

What medications and nursing interventions/treatments will you anticipate?

- Blood transfusions
- Iron supplements (poly-vi-sol)
- Less blood draws if this is reason for anemia
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