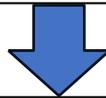


NICU Disease Process Map

D.O.B. <u>8/5/25</u>	APGAR at birth: <u>8/9</u>
Gestational Age <u>33⁵</u>	Adjusted Gestational Age <u>36⁶</u>
Birthweight <u>4</u> lbs. <u>6</u> oz./ <u>1985</u> grams	
Current weight <u>5</u> lbs. <u>8</u> oz./ <u>2500</u> grams	

Disease Name: RDS

What is happening in the body?
 Babies LUNGS are not producing enough surfactant. This is making it extremely hard to breathe, especially since they're already irregular breathers.



What am I going to see during my assessment?
 Grunting, nasal flaring, Periods of Apnea, Color changes



What tests and labs will be ordered?
 Blood Gas: See how bad the hypoxia is
 Blood Glucose: hypoglycemia can affect breathing
 Chest Xray: See descr. distress. and if any fluid buildup



What trends and findings are expected?
 Blood Gas: Metabolic Acidosis
 CXR: Difficult breathing
 Blood Tests: hypoxemia, Acidosis



What medications and nursing interventions/treatments will you anticipate?

Possible CPAP depends on severity
Surfactant therapy to help bring up to normal level
TPN or gavage : to provide adequate growth



How will you know your patient is improving?

- Less chest retractions
- ↓ in work of breathing
- Slower & regular RR
- ↓ need for O₂



What are risk factors for the diagnosis?

- Premature : 6 37 wks
- Caucasian Male
 - Multiple Births
 - Maternal Diabetes
 - Grand given to Mom



What are the long-term complications?

Bronchopulmonary dysplasia

Asthma

↑ for infections : resp.



What patient teaching for management and/or prevention can the nurse do?

- SWaddle : comfort
- non-nutritive sucking
- Skin to skin contact
- Min. light & noise

