

NICU Disease Process Map

D.O.B. <u>11/11/23</u>	APGAR at birth: <u>5</u>
Gestational Age <u>31.4</u>	Adjusted Gestational Age <u>35</u>
Birthweight <u>4</u> lbs. <u>10</u> oz. / <u>2110</u> grams	
Current weight <u>5</u> lbs. <u>10.5</u> oz. / <u>2500</u> grams	

Disease Name: RDS

What is happening in the body?

Tachycardia, retractions, nasal flaring, grunting and cyanosis

What am I going to see during my assessment?

Auscultation shows diminished breath sounds and coarse crackles
High-pitched crackles throughout the lung fields. Cyanosis
around lips. Significantly increased work of breath with
nasal flaring

What tests and labs will be ordered?

ABG

Chest X-ray

What trends and findings are expected?

Bilateral infiltrates can be seen on X-ray



What medications and nursing interventions/treatments will you anticipate?

Therapeutic management is focused on ventilation and oxygenation improvement, prevention of infection, maintenance of fluid and electrolyte balance and adequate nutrition.



How will you know your patient is improving?

Improvement in vital signs on S/S, normal respiratory rate, normal breath sounds throughout lung fields during auscultation



What are risk factors for the diagnosis?

Prematurity
Maternal diabetes
Perinatal Depression
Males (w/ etc)



What are the long-term complications?

Respiratory disease risk in future



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

Don't encourage family to use prone position, closely monitor and change the position of baby frequently.
S/S - SIDS