

## NICU Disease Process Map

D.O.B. <u>11/5/24</u>	APGAR at birth: <u>8</u>
Gestational Age <u>34W, 1</u>	Adjusted Gestational Age <u>38, 2</u>
Birthweight <u>4</u> lbs. <u>11</u> oz./ <u>2120</u> grams	
Current weight <u>6</u> lbs. <u>18</u> oz./ <u>2810</u> grams	

Disease Name: Respiratory Distress Syndrome

What is happening in the body?

a lack of surfactant causing the alveoli in the lungs to collapse with each breath



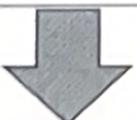
What am I going to see during my assessment?

- ~~nasal flaring~~ intercostal/subcostal retractions
- cyanosis
- flaring of the nares
- tachypnea, dyspnea



What tests and labs will be ordered?

- BMP - H+H - ABG
- CBC
- Chest X-Ray



What trends and findings are expected?

- increased ~~SpO2~~ CO2 levels



What medications and nursing interventions/treatments will you anticipate?

- Artificial surfactant replacement; mechanical ~~ventilation~~ <sup>ventilation</sup>
- Administer oxygen



How will you know your patient is improving?

- Baby will be breathing easier
- Requires less oxygen
- Mechanical ventilation will no longer be needed



What are risk factors for the diagnosis?

- low gestational age
- Maternal diabetes
- Perinatal depression



What are the long-term complications?

- Bronchopulmonary Dysplasia: Chronic Lung Disease



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

- Monitor oxygen
- Monitor respiratory rate
- Keep a calm environment
- Follow up appointment with HCP