

32 Adjusted 35

416 702

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age:

Patient Weight: 2 kg

<b>Student Name:</b> Darcy Driggers	<b>Unit:</b> NICU <b>Pt. Initials:</b>	<b>Date:</b> 3/30/2022
<b>1. Disease Process &amp; Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</b> Premie RDS ↓ surfactant within lungs due to prematurity, leads to atelectasis † in severe cases pneumothorax	<b>2. Factors for the Development of the Disease/Acute Illness:</b> ↓ gestational age (P) male predominance (P) maternal diabetes Perinatal depression C-section	<b>3. Signs and Symptoms:</b> ↓ O <sub>2</sub> grunting retractions hypoxemia nasal flaring cyanosis
<b>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</b> chest X-ray blood gas	<b>5. Lab Values That May Be Affected:</b> H <sub>2</sub> A O <sub>2</sub> PCO <sub>2</sub>	<b>6. Current Treatment (Include Procedures):</b> Surfactant admin  none currently

D.O.B: 3/11/22

Gestational age: 32 Adjusted 35

Birthweight: 4lbs 7oz / 2010g

Current weight 5lbs 2oz / 2358g

APGAR at Birth: 7

### Primary Diagnoses

Pre-maturity

### Secondary Diagnoses

RDS

S/S

treatment

Dx test:

Chest x-ray  
ABG

↓ O<sub>2</sub>  
grunting  
retractions  
↑ PCO<sub>2</sub>  
hypoxemia  
nasal flaring  
Cyanosis

Surfactant admin  
Supplemental O<sub>2</sub>  
CPAP

Interventions

Supportive posture  
administer O<sub>2</sub> + Surfactant  
fluid & metabolic management

### Complications

Pneumothorax  
Retinopathy of  
Prematurity  
bronchopulmonary  
dysplasia