

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 37 days Patient Weight: 1240kg

Student Name: Jackie Martinez

Date: Click here to enter a date.
3/08/2022

<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): RDS usually affects premature babies. Respiratory Distress Syndrome is caused by the absence or lack of surfactant, a phospholipid that lines the alveoli and reduces the surface tension to keep the alveoli from collapsing on expiration. Surfactant is not formed until the 34th week of gestation.</p>	<p>2. Factors for the Development of the Disease/Acute Illness: Premature Surfactant deficiency Smoking Alcohol consumption Maternal Diabetes Meconium aspiration syndrome Perinatal infection</p>	<p>3. Signs and Symptoms: Tachypnea Nasal Flaring Retractions grunting cyanosis Rapid shallow breathing</p>
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Chest x-ray Antenatal and prenatal history Echo</p>	<p>5. Lab Values That May Be Affected: Blood gas PO2 PCO2 pH</p>	<p>6. Current Treatment (Include Procedures): Surfactant replacement therapy mechanical ventilator HFV Sedation for comfort Fluid and Electrolyte balance Thermoregulation</p>