

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 12 days

Patient Weight: 2200 G

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1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Respiratory Distress Syndrome (RDS) - Surfactant deficiency, greater pressure is needed to open the aveoli, without adequate air pressure, the lungs become diffusely atelectasis, triggering inflammation and pulmonary edema.	2. Factors for the Development of the Disease/Acute Illness: Siblings with RDS infection Twin or multiple births C-section delivery Mother has diabetes Infection Baby is sick at the time of delivery Cold, stress or hypothermia. Baby cannot keep body temperature warm at birth. (P)	3. Signs and Symptoms: Fast breathing very soon after birth Grunting "ugh" sound with each breath Changes in color of lips, fingers and toes Flaring (widening) of the nostrils with each breath (P) Chest retractions. Skin over the breastbone and ribs pulls in during breathing.	
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Chest X-ray CT Scan Echo (P) ECG	5. Lab Values That May Be Affected: ABG WBC Surfactant/Albumin Ratio	6. Current Treatment (Include Procedures): Monitor Vital Signs (P) Supplemental Feedings - EMM x5, Neosure x3 (P) Bed Rest (P)	