

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 4 months**Patient Weight:** 5 kg

Student Name: Rafael Alegre	Unit: PICU Pt. Initials: IC	Date: 5/17/2022
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</p> <p>Respiratory failure happens when the respiratory system fails to maintain gas exchange and is classified into type 1 and type 2 according to blood gases abnormalities. In type 1 (hypoxemic) respiratory failure, the partial pressure of arterial oxygen (PaO₂) is less than 60 millimeters of mercury, and the partial pressure of arterial carbon dioxide (PaCO₂) may be either normal or low. This disease may be prominent in babies because of the underdevelopment of the respiratory system. An infection may also be a cause.</p>	<p>2. Factors for the Development of the Disease/Acute Illness:</p> <p>Acid aspiration Pneumonia (P) Amniotic Fluid Embolism Pulmonary Contusion Sepsis (P) Pancreatitis Drug Overdose Burns Rib Injury</p>	<p>3. Signs and Symptoms:</p> <p>Arrhythmia (P) Tachypnea (P) Apnea Tachycardia (P) Cyanosis Drowsiness (P) Shortness of Breath (P)</p>
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</p> <p>ABG (P) Chest X-Ray (P) CBC (P) Pulse Oximetry</p>	<p>5. Lab Values That May Be Affected:</p> <p>Hemoglobin RBC High WBC Low PaO₂ (P) High PaCO₂ (P) Blood pH Low O₂ Saturation (P)</p>	<p>6. Current Treatment (Include Procedures):</p> <p>Oxygen Supplementation (P) Mechanical Ventilation (P) Antibiotics (P)</p>

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<p>7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient.</p> <p>1.</p> <p>2.</p> <p>*List All Pain/Discomfort Medication on the Medication Worksheet Click here to enter text.</p>	<p>8. Calculate the Maintenance Fluid Requirement (Show Your Work):</p> <p>Actual Pt MIVF Rate:</p> <p>Is There a Significant Discrepancy? <input type="text"/></p> <p>Why?</p>	<p>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work):</p> <p>Actual Pt Urine Output:</p>
	<p>10. Growth & Development: List the Developmental Stage of Your Patient For Each Theorist Below and Document 2 OBSERVED Developmental Behaviors for Each Theorist. If Developmentally Delayed, Identify the Stage You Would Classify the Patient:</p> <p>Erickson Stage:</p> <p>1.</p> <p>2.</p> <p>Piaget Stage:</p> <p>1.</p> <p>2.</p>	

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11. Focused Nursing Diagnosis:	15. Nursing Interventions related to the Nursing Diagnosis in #11: 1. Evidenced Based Practice:	16. Patient/Caregiver Teaching: 1. 2. 3.
12. Related to (r/t):	2. Evidenced Based Practice: 3. Evidenced Based Practice:	
13. As evidenced by (aeb):		17. Discharge Planning/Community Resources: 1. 2. 3.
14. Desired patient outcome:		