

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 10

Patient Weight: 56.1kg

Student Name: Analise Jimenez	Unit: PICU Pt. Initials: C.C	Date: 5/25/2021
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): During normal breathing, inhaled air travels through two main channels, that branch within each lung into smaller, narrower passages, and into tiny, terminal bronchial tubes. With asthma, smooth muscles that surround the airways spasm, resulting in tightening of airways, swelling, and inflammation of the inner airway space (lumen) due to fluid buildup and infiltration by immune cells, and excessive secretion of mucus into the airways. Consequently, air is obstructed from circulating freely in the lungs and can't be expired (Hansen-Flaschen , 2021).	2. Factors for the Development of the Disease/Acute Illness: History of asthma in the family (P) History of allergies Gender Smoking/exposure to secondhand smoke (P) Maternal smoking during pregnancy Ethnicity Low birth weight (P) Being	3. Signs and Symptoms: Shortness of breath (P) Wheezing (P) Non-productive coughing- worsens during night (P) Chest tightness and pain (P) Increased restlessness/anxiousness

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4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Clinical manifestations (P) History (P) Physical examination (P) CXR (P) Pulmonary function tests Peak expiratory rate Skin prick testing	5. Lab Values That May Be Affected: Blood gases CBC CMP Theophylline	6. Current Treatment (Include Procedures): Albuterol (P) Decadron (P) Dexamethazone (P)
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. 1. 2. *List All Pain/Discomfort Medication on the Medication Worksheet Click here to enter text.	8. Calculate the Maintenance Fluid Requirement (Show Your Work): Actual Pt MIVF Rate: Is There a Significant Discrepancy? <input type="text"/> Why?	9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): Actual Pt Urine Output:

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	<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>	
11. Focused Nursing Diagnosis:	<p>15. Nursing Interventions related to the Nursing Diagnosis in #11:</p> <p>1.</p> <p>Evidenced Based Practice:</p> <p>2.</p>	<p>16. Patient/Caregiver Teaching:</p> <p>1.</p> <p>2.</p> <p>3.</p>
12. Related to (r/t):	<p>Evidenced Based Practice:</p> <p>3.</p> <p>Evidenced Based Practice:</p>	

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13. As evidenced by (aeb):		17. Discharge Planning/Community Resources: 1. 2. 3.
14. Desired patient outcome:		