

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 2y 9m**Patient Weight:** 12.3 kg

Student Name: Emily Blythe	Unit: PICU Pt. Initials: TH	Date: 9/20/2022
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</p> <p>Rhinovirus (RV) is the virus responsible for the common cold. While we do not know the exact pathophysiology, it would seem that RV disrupts the epithelial barrier function, increasing vascular leakage and mucus secretions. In non-asthmatic patients this is little more than an inconvenience, but in asthma patients, lower respiratory symptoms can include cough, shortness of breath, chest tightness, and wheezing. RV also opens the door for other respiratory infections.</p>	<p>2. Factors for the Development of the Disease/Acute Illness:</p> <ul style="list-style-type: none"> Smoking Very young individuals (P) Exposure to infected contacts Touching the eyes or nose with contaminated fingers Crowded environments Daycare, school Underlying medical condition (P) 	<p>3. Signs and Symptoms:</p> <ul style="list-style-type: none"> Nasal dryness or irritation Sore throat or irritation Nasal discharge, congestion, and sneezing Headache Facial and ear pressure Loss of sense of smell and taste Cough Hoarseness Posttussive vomiting Irritability or restlessness Fever
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</p> <ul style="list-style-type: none"> History and physical examination PCR testing of respiratory specimens in immunocompromised patients 	<p>5. Lab Values That May Be Affected:</p> <p>None</p>	<p>6. Current Treatment (Include Procedures):</p> <ul style="list-style-type: none"> Fluids (P) Breath support (P) Antipyretics (P)

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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:
	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: Erickson Stage: 1. 2. Piaget Stage: 1. 2.	

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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:		