

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 2**Patient Weight:** 17.8kg

Student Name: Bert Anaya	Unit: Pedi Pt. Initials:	Date: 9/14/2022
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Acute Lymphoblastic Leukemia (ALL) Caused by a series of acquired genetic aberrations. Malignant transformation usually occurs at the pluripotent stem cell level, although it may involve a committed stem cell with more limited capacity for self renewal.	2. Factors for the Development of the Disease/Acute Illness: radiation exposure chemical exposure age certain viral infx. race/gender	3. Signs and Symptoms: Anemia P Thrombocytopenia P Granulocytopenia P
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: bone marrow aspiration P flow Cytometry labs P	5. Lab Values That May Be Affected: CBC P H&H P WBC P platelets P ANC: 230 P RBC P	6. Current Treatment (Include Procedures): Chemo continuous IV fluid nutritional support

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<p>7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient.</p> <ol style="list-style-type: none"> 1. stuffed animals 2. TV <p>*List All Pain/Discomfort Medication on the Medication Worksheet Morphine, Ativan (not given in last 24hrs) Decadron</p>	<p>8. Calculate the Maintenance Fluid Requirement (Show Your Work): $10\text{kg} \times 100$ $7.8\text{kg} \times 50$ $= 1390/24 = 58\text{mL/hr}$</p> <p>Actual Pt MIVF Rate: 50</p> <p>Is There a Significant Discrepancy? <input type="checkbox"/></p> <p>Why? pt is receiving adequate po fluids combined with IV hydration</p>	<p>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): $1 \times 17.8\text{kg} = 17.8$</p> <p>Actual Pt Urine Output: X2 diapers</p>

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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: Autonomy vs Shame & Doubt</p> <ol style="list-style-type: none"> 1. the pt wanted to be held constantly 2. Mom was reciting number out loud with pt <p>Piaget Stage: Sensorimotor/preoperational</p> <ol style="list-style-type: none"> 1. pt was scribbling in a coloring book 2. pt had several stuffed animals in the bed and around the room 	
<p>11. Focused Nursing Diagnosis: anxiety</p>	<p>15. Nursing Interventions related to the Nursing Diagnosis in #11:</p> <ol style="list-style-type: none"> 1. music therapy <p>Evidenced Based Practice: use of music will help distract pt during procedures/tx.</p>	<p>16. Patient/Caregiver Teaching:</p> <ol style="list-style-type: none"> 1. I will teach the importance of hand hygiene during chemo 2. reinforce the importance of maintaining as close to normal routine as possible 3. I will provide examples or anticipatory guidance to the parents for chemo tx.
<p>12. Related to (r/t): lack of knowledge about ALL diagnosis and chemo tx.</p>	<ol style="list-style-type: none"> 2. cluster care <p>Evidenced Based Practice: clustering care will keep room traffic to a minimum</p> <ol style="list-style-type: none"> 3. maintain calm quiet approach when interacting with pt 	

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13. As evidenced by (aeb): pt cries and screams when we enter the room	Evidenced Based Practice: the pt will feel more secure in control of the situation	17. Discharge Planning/Community Resources: 1. parent supports groups for ALL 2. consult dietician to discuss proper nutrition 3. I will consult discharge planner to ensure rides to and from future follow-ups
14. Desired patient outcome: pt will respond to relaxation techniques with decreased anxiety level by end of shift on 9/14.		