

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 2 years

Patient Weight: 17.8 kg

Student Name: Ashlyn Lutrick	Unit: pedi floor Pt. Initials: AJ	Date: 9/14/2022
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Acute lymphocytic leukemia(ALL): A malignant (clonal) disease of the bone marrow in which early lymphoid precursors proliferate and replace the normal hematopoietic cells of the marrow.	2. Factors for the Development of the Disease/Acute Illness: <ul style="list-style-type: none">- previous cancer treatment- exposure to radiation- genetic disorders	3. Signs and Symptoms: <ul style="list-style-type: none">- Bleeding from the gums- Bone pain- Fever- Frequent infections- Frequent or severe nosebleeds- Lumps caused by swollen lymph nodes in and around the neck, armpits, abdomen or groin- Pale skin (P)- Shortness of breath- Weakness, fatigue or a general decrease in energy (P)

Student Name: Ashlyn Lutrick	Unit: pedi floor Pt. Initials: AJ	Date: 9/14/2022
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: <ul style="list-style-type: none"> - Bone marrow test (P) - Blood test - Imaging test - Spinal fluid test 	5. Lab Values That May Be Affected: <ul style="list-style-type: none"> - CBC - WBC - H&H - ANC 	6. Current Treatment (Include Procedures): <ul style="list-style-type: none"> - nutrition - Chemo <ul style="list-style-type: none"> - Erwinia - Cytarabine - Methotrexate - Vincristine - Pentamidine
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. <ol style="list-style-type: none"> 1. Use a transitional object to make them feel better and distract them from the pain. 2. Use a phone or Ipad to show the patient a movie or TV show. 	8. Calculate the Maintenance Fluid Requirement (Show Your Work): $10 * 100 = 1000$ $7.8 * 50 = 390$ $1390 / 24 = 58 \text{ mL/hr}$	9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): 1 mL/kg/hr $1 * 2 = 2 \text{ mL/hr}$ Actual Pt Urine Output:

Student Name: Ashlyn Lutrick	Unit: pedi floor Pt. Initials: AJ	Date: 9/14/2022
<p>*List All Pain/Discomfort Medication on the Medication Worksheet</p> <p>Click here to enter text.</p>	<p>Actual Pt MIVF Rate: 50mL</p> <p>Is There a Significant Discrepancy? Yes</p> <p>Why? My patient was sweating quite a bit and I feel like he needs all the liquids he can get.</p>	<p>Immeasurable</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: Autonomy vs. shame and doubt</p> <ol style="list-style-type: none"> 1. He did not like us coming into the room to take vitals, give meds, or do anything. He wanted to be left alone. 2. He yelled no pretty much the whole time we were in the room if we would try to get close to him and do something. <p>Piaget Stage: Sensorimotor: Inventions of new means</p> <ol style="list-style-type: none"> 1. He knew when we walked into the room that we were going to do something. 	

Student Name: Ashlyn Lutrick	Unit: pedi floor Pt. Initials: AJ	Date: 9/14/2022
	<p>2. When I was taking his vitals and he was screaming and crying, when I said I was almost done it kind of seemed to calm him.</p>	
<p>11. Focused Nursing Diagnosis:</p> <p>Risk for infection</p>	<p>15. Nursing Interventions related to the Nursing Diagnosis in #11:</p> <p>1. Assess immunization status and history</p> <p>Evidenced Based Practice: People with incomplete immunizations may not have a sufficient acquired active immunity.</p> <p>2. Encourage intake of protein-rich and calorie-rich foods and encourage a balanced diet</p>	<p>16. Patient/Caregiver Teaching:</p> <p>1. Teach family and patient the importance of correctly handwashing.</p> <p>2. Teach the importance of avoiding contact with individuals who have infections or colds.</p> <p>3. Instruct the family not to share personal care items with patient (such as toothbrush, towels, etc.).</p>
<p>12. Related to (r/t):</p> <p>Acute lymphocytic leukemia (ALL)</p>		
<p>13. As evidenced by (aeb):</p>	<p>Evidenced Based Practice:Proper nutrition and a balanced diet support the immune systems' responsiveness and enhance the health of all the body's tissues.</p>	<p>17. Discharge Planning/Community Resources:</p> <p>1. Support groups for not only the patient but the family as well.</p>

Student Name: Ashlyn Lutrick	Unit: pedi floor Pt. Initials: AJ	Date: 9/14/2022
<p>14. Desired patient outcome:</p> <p>My patient will remain infection free by normal vitals signs and no signs and symptoms of infection by the time of discharge.</p>	<p>3. Promote nail care by keeping the client and the nurse's fingernails short and clean.</p> <p>Evidenced Based Practice:Rough edges or hangnails can harbor microorganisms.</p>	<p>2. Involve case management so the family can get help paying for chemo treatments.</p> <p>3. Give pamphlets explaining ALL in more depth and about the medications he will have to be on.</p>