

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 1Y, 6M**Patient Weight:** 11.8 kg

Student Name: Brooke Carroll	Unit: PICU Pt. Initials: F.G.	Date: 8/18/2021
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</p> <p>Seizures are defined as a transient occurrence of signs and symptoms due to abnormal excessive and synchronous neuronal activity in the brain. Seizures are paroxysmal manifestations of the electrical properties of the cerebral cortex. A seizure results when a sudden imbalance occurs between the excitatory and inhibitory forces within the network of cortical neurons in favor of a sudden-onset net excitation.(Hockenberry, 202) (Huff, 2021).</p>	<p>2. Factors for the Development of the Disease/Acute Illness:</p> <p>Premature birth Serious brain injury Family history of seiures (P) Lack of Oxygen to brain Concussion Hypoglycemia Encephalitis Hypocalcemia Intracranial infection Fever Drugs/toxins</p>	<p>3. Signs and Symptoms:</p> <p>Staring (P) Uncontrollable jerking of arms/legs Stiffening of body Falling suddenly Rapid eye blinking Twitching Loss of bowel/bladder control Loss of consciousness/awareness</p>
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</p> <p>Lumbar puncture (P) CT scan (P) MRI (P) EEG (P)</p>	<p>5. Lab Values That May Be Affected:</p> <p>Serum electrolytes CBC (P) Blood glucose Urinalysis BUN Ammonia Amino acids</p>	<p>6. Current Treatment (Include Procedures):</p> <p>IV fluids (P) Antiepileptic drug therapy (Lorazepam) (P) O2 Therapy (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? Choose an item.</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:		

