

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 1 Mo**Patient Weight:** 3.5 kg

Student Name: Sidney Fahnert	Unit: PICU Pt. Initials: NA	Date: 3/1/2022
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</p> <p>Long QT syndrome- is a heart arrhythmia that is characterized by an increase in the QT interval of the ECG. A normal QT interval is 0.4 to 0.44 seconds. Long QT interval is considered to be a measurement greater than 0.44, although, can be slightly longer in females. This can be an acquired or congenital condition. Congenital long QT syndrome is caused by a malfunction in the sodium-potassium channels within the heart, these help to conduct electricity correctly.</p>	<p>2. Factors for the Development of the Disease/Acute Illness:</p> <ul style="list-style-type: none"> - genetic mutation P -medications such as antibiotics, antifungals, diuretics, arrhythmia drugs, antipsychotic, and anti-nausea. -low potassium, low calcium, low magnesium levels. -history of cardiac arrest or stroke -eating disorders - hypothyroidism 	<p>3. Signs and Symptoms:</p> <ul style="list-style-type: none"> -syncope -palpitations -seizures -sudden cardiac arrest
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</p> <ul style="list-style-type: none"> -ECG P -Echo (rule out any structure abnormalities) P -genetic testing P -exercise stress test -labs for electrolytes -testing medications for trigger 	<p>5. Lab Values That May Be Affected:</p> <ul style="list-style-type: none"> - Electrolytes: potassium, magnesium, and calcium can be low. 	<p>6. Current Treatment (Include Procedures):</p> <ul style="list-style-type: none"> - beta blockers (propranolol) P -antiarrhythmics -pacemaker -defibrillator -treat electrolyte imbalances -stop medications that cause long QT -avoiding stress triggers

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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: 2.	16. Patient/Caregiver Teaching: 1. 2. 3.
12. Related to (r/t):	Evidenced Based Practice: 3. Evidenced Based Practice:	
13. As evidenced by (aeb):		17. Discharge Planning/Community Resources: 1. 2. 3.
14. Desired patient outcome:		