

**IM5 (Pediatrics) Critical Thinking Worksheet****Patient Age:****Patient Weight:** 7.1kg

<b>Student Name:</b> Tayler Dockray	<b>Unit:</b> sim <b>Pt. Initials:</b> IB	<b>Date:</b> 2/4/2021
<b>1. Disease Process &amp; Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</b> Ventricular septal defect (VSD) is a hole in the septum that divides the ventricles. VSD results in the backflow of blood between the ventricles (left to right shunting most often). This shunt leads to the enlargements of the heart, decreased systemic blood flow, and eventually heart failure if untreated.	<b>2. Factors for the Development of the Disease/Acute Illness:</b> Asian heritage genetic disorders family hx of heart disease	<b>3. Signs and Symptoms:</b> SOB difficulty gaining wt pale skin rapid heart beat sweating while eating heart murmur
<b>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</b> chest x-ray EKG/ECG cardiac catheterization cardiac MRI ECHO	<b>5. Lab Values That May Be Affected:</b> no specific blood tests are affected by this disorder	<b>6. Current Treatment (Include Procedures):</b> running all of the diagnostic tests to see if surgery is needed to control the symptoms because if it is a small hole it can be asymptomatic and not need intervention

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<p><b>7. Pain &amp; Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain &amp; Discomfort for This Patient.</b></p> <ol style="list-style-type: none"> <li>parent holding the pt</li> <li>distraction with music, books, or playing</li> </ol> <p><b>*List All Pain/Discomfort Medication on the Medication Worksheet</b> acetaminophen</p>	<p><b>8. Calculate the Maintenance Fluid Requirement (Show Your Work):</b>  <math>7.1\text{kg} \times 100\text{mL} = 710\text{mL}/24\text{hrs}</math>  <math>30\text{mL}/\text{hr}</math></p> <p><b>Actual Pt MIVF Rate:</b> 14mL/hr</p> <p><b>Is There a Significant Discrepancy?</b>  <input type="checkbox"/></p> <p><b>Why?</b> prevent overloading and putting more pressure on the heart</p>	<p><b>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work):</b>  <math>1\text{mL}/\text{kg}/\text{hr} \times 7.1\text{kg} = 7.1\text{mL}/\text{hr}</math></p> <p><b>Actual Pt Urine Output:</b> 375mL/24hrs</p>

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	<p><b>10. Growth &amp; 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:</b></p> <p><b>Erickson Stage:</b> autonomy vs shame &amp; doubt</p> <ol style="list-style-type: none"> <li>1. making food choices</li> <li>2. favorite toys</li> </ol> <p><b>Piaget Stage:</b> sensorimotor phase stage 5: tertiary circular reactions</p> <ol style="list-style-type: none"> <li>1. object permanence</li> <li>2. venturing away from parents</li> </ol>	
<p><b>11. Focused Nursing Diagnosis:</b> inability to gain weight</p>	<p><b>15. Nursing Interventions related to the Nursing Diagnosis in #11:</b></p> <ol style="list-style-type: none"> <li>1. small, frequent feedings</li> </ol> <p><b>Evidenced Based Practice:</b> this allows for periods of rest and not tiring out the pt</p>	<p><b>16. Patient/Caregiver Teaching:</b></p> <ol style="list-style-type: none"> <li>1. appetizing foods will increase the child's desire to eat</li> <li>2. provide hgh calorie diet choices and options that will increase the child's weight once she leaves the hospital</li> </ol>
<p><b>12. Related to (r/t):</b> poor feeding habits</p>	<ol style="list-style-type: none"> <li>2. appetizing foods that the child likes and wants to eat</li> </ol> <p><b>Evidenced Based Practice:</b> this will increase the amount of calories this pt takes in and hopefully increased weight</p>	<ol style="list-style-type: none"> <li>3. small frequent meals will allow for rest periods for the child instead of tiring her out and causing her to loss calories</li> </ol>

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<b>13. As evidenced by (aeb):</b> weight being below the normal percentile for the age of the pt	<b>3.</b> high calorie diet  <b>Evidenced Based Practice:</b> this will provide the necessities for the child to increase her weight	<b>17. Discharge Planning/Community Resources:</b> <b>1.</b> lubbock dream center contacts  <b>2.</b> refer to a nutritionalist  <b>3.</b> therapy and support group options for the family
<b>14. Desired patient outcome:</b> maintain or increase weight while in the hospital before they are discharged on 2.5.21		