

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 13

Patient Weight: 61.4kg

Student Name: Ryan Duncan	Unit: PICU Pt. Initials: D. A.	Date: 5/11/2022
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Marfan Syndrome: "Marfan syndrome is caused by a defect in the gene that encodes the structure of fibrillin and the elastic fibers, a major component of connective tissue." Because of this mutation, the body's connective tissue does not form correctly, affecting a wide array of functions across the body. Cleveland Clinic. (2022). Marfan Syndrome. Cleveland Clinic. https://my.clevelandclinic.org/health/diseases/17209-marfan-syndrome	2. Factors for the Development of the Disease/Acute Illness: FBN1 autosomal dominant mutation causes Marfan syndrome.	3. Signs and Symptoms: Tall and thin, long arms, legs, fingers, and toes, back pain, mitral valve prolapse, raised roof of mouth, crowded teeth, aneurysm blurred vision, nearsightedness, bulging or sunken chest, scoliosis.
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: H and P, family history, eye exam, echocardiogram, genetic testing	5. Lab Values That May Be Affected: FBN1 gene	6. Current Treatment (Include Procedures): There is no cure for Marfan Syndrome. Antihypertensives may be prescribed to protect the aorta.

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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? <input type="text"/></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: 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:		