

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 7 years**Patient Weight:** 21 kg

Student Name: Greg Kelley	Unit: PEDI Pt. Initials: P.T.	Date: 8/25/2021
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Cystic fibrosis. In the body there are cystic fibrosis conductance regulators (CFTR). The protein works to help give chloride ions a passage out of the cell. In cystic fibrosis there is an absence of CFTR which leads to mucous becoming extremely thick and dry. This altered mucous affects the rest of the body's systems.	2. Factors for the Development of the Disease/Acute Illness: -Family history -white and north european --genetic	3. Signs and Symptoms: -foul smelling stool -greasy stool -recurrent lung infection -inflamed nasal passage and stuffy nose -thick mucous -wheezing -persistent cough -exercise intolerance -intestinal blockage -poor weight gain
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: -IRT levels -Sweat test -Genetic test	5. Lab Values That May Be Affected: -chloride levels	6. Current Treatment (Include Procedures): -Antibiotics -anti-inflammatory -mucus thinning drug -bronchodilator -stool softener -gene targeting drugs (elxacaftor, ivacaftor, etc)

Student Name: Greg Kelley	Unit: PEDI Pt. Initials: P.T.	Date: 8/25/2021
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): $1500+20=1520$ Actual Pt MIVF Rate: 1520 Is There a Significant Discrepancy? <input type="text"/> Why?	9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): $1x20x24=480$ ml/day 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: industry vs inferiority 1. - 2. - Piaget Stage: concrete operational 1. - 2. -	

Student Name: Greg Kelley	Unit: PEDI Pt. Initials: P.T.	Date: 8/25/2021
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. Shannon, S. (2019, January 28). The cellular mechanism of cf: The basics. Cystic Fibrosis News Today. https://cysticfibrosisnewstoday.com/2015/03/12/the-cellular-mechanism-of-cf-the-basics/ . Mayo Foundation for Medical Education and Research. (2020, March 14). Cystic fibrosis. Mayo Clinic. https://www.mayoclinic.org/diseases-conditions/cystic-fibrosis/diagnosis-treatment/drc-20353706 .
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.

Student Name: Greg Kelley	Unit: PEDI Pt. Initials: P.T.	Date: 8/25/2021
14. Desired patient outcome:		