

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:****Patient Weight:** 7.5kg

Student Name: Tayler Dockray	Unit: sim Pt. Initials: AJ	Date: 2/4/2021
1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Hirschsprung disease: is a congenital anomaly that results from the absence of the ganglion cells in the intestines. The absence of the ganglion results in peristalsis of the intestines which causes megacolon (because of stool accumulation) and even can eventually result in intestinal ischemia, necrosis, or enterocolitis.	2. Factors for the Development of the Disease/Acute Illness: male in gender other genetic disorder siblings with the same condition	3. Signs and Symptoms: the failure to pass meconium stool within first 24-36hrs of life distended abdomen constipation/diarrhea ribbon, foul smelling stool vomiting easily palpable stool upon touch
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: rectal biopsy is the only definitive diagnosis for hirschsprung disease	5. Lab Values That May Be Affected: increased WBC possibly if there is an infection present	6. Current Treatment (Include Procedures): surgery to remove the enlarged colon because of the absence of ganglion cells

Student Name: Tayler Dockray	Unit: sim Pt. Initials: AJ	Date: 2/4/2021
<p>7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient.</p> <ol style="list-style-type: none"> 1. non-nutritive sucking of a pacifier 2. distraction by parents, books, playing, or music <p>*List All Pain/Discomfort Medication on the Medication Worksheet morphine</p>	<p>8. Calculate the Maintenance Fluid Requirement (Show Your Work): 7.5kg 7.5kg x 100 = 750mL/24hrs 31mL/hr</p> <p>Actual Pt MIVF Rate: 30mL/hr</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): 1mL/kg/hr x 7.5kg = 7.5mL/hr</p> <p>Actual Pt Urine Output: 271mL/24hrs</p>

Student Name: Tayler Dockray	Unit: sim Pt. Initials: AJ	Date: 2/4/2021
	<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: trust vs mistrust</p> <ol style="list-style-type: none"> pacifier is used for non-nutritive sucking transitional objects that smell like mom or dad (like a shirt or a blanket from home washed in the same detergent) <p>Piaget Stage: sensorimotor stage 4: coordination of secondary schemes</p> <ol style="list-style-type: none"> anticipation of events (like mom and dad leaving him) associate symbols and events to each other 	
<p>11. Focused Nursing Diagnosis: risk for skin integrity impairment</p>	<p>15. Nursing Interventions related to the Nursing Diagnosis in #11:</p> <ol style="list-style-type: none"> routine colostomy care <p>Evidenced Based Practice: this will decrease the risk for infection and skin irritation for Aaron</p>	<p>16. Patient/Caregiver Teaching:</p> <ol style="list-style-type: none"> colostomy site care s/s of infection and when to notify the HCP potentially joining support groups to help cope
<p>12. Related to (r/t): irritation from the colostomy</p>	<ol style="list-style-type: none"> provide comfort care <p>Evidenced Based Practice: this will help Aaron deal with pain after his procedure</p> <ol style="list-style-type: none"> teach family colostomy care 	

Student Name: Tayler Dockray	Unit: sim Pt. Initials: AJ	Date: 2/4/2021
13. As evidenced by (aeb): NA (b/c of the "risk for")	Evidenced Based Practice: the baby is not able to take care of himself so the family will need to know how to take care of the colostomy to take care of site. This will also make the family feel like they are gaining some control back	17. Discharge Planning/Community Resources: 1. involve social worker in discharge 2. therapy options for the family 3. ostomy support groups
14. Desired patient outcome: maintain skin integrity for the remainder of his hospital stay until he is discharged on 2.5.21		