

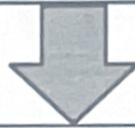
NICU Disease Process Map

D.O.B. <u>7/30/25</u>	APGAR at birth: <u>Unknown</u>
Gestational Age <u>31 weeks</u>	Adjusted Gestational Age _____
Birthweight <u>Unknown</u> lbs. <u>Unknown</u> oz./	<u>Unknown</u> grams
Current weight <u>6</u> lbs. <u>13.4</u> oz./	<u>3100</u> grams

Disease Name: Sigmoid Volvulus

What is happening in the body?

Sigmoid colon twists around itself causing bowel obstruction. It can also compromise blood flow.



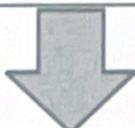
What am I going to see during my assessment?

abdominal distention, green vomit, constipation, irritability



What tests and labs will be ordered?

abdominal X-ray, Contrast enema, CBC, electrolytes, blood cultures



What trends and findings are expected?

increasing abdominal distention, worsening vomit, electrolyte imbalance



What medications and nursing interventions/treatments will you anticipate?

NPO, IV fluids, NG tube, antibiotics, Pain manage,
Surgery, monitor VS, I&O, abdominal girth



How will you know your patient is improving?

decreased distention, cessation of vomiting, tolerate
feeds, passing stool



What are risk factors for the diagnosis?

Hirschsprung disease, chronic constipation,
Prematurity



What are the long-term complications?

recurrent volvulus, short bowel, nutritional
deficiencies, growth delay, constipation



What patient teaching for management and/or prevention can the nurse do?

Signs of obstruction (vomit, distention, constipation)
early medical attention, post op care, regular
follow ups, growth monitoring

Student Name: Amigael Werts

Unit: NICU

Pt. Initials: _____

Date: 9/10/25

Pediatric Medication Worksheet – Current Medications & PRN for Last 24 Hours

Allergies: NKDA

Primary IV Fluid and Infusion Rate (ml/hr)	Circle IVF Type	Rationale for IVF	Lab Values to Assess Related to IVF	Contraindications/Complications
	Isotonic/ Hypotonic/ Hypertonic			

Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Therapeutic Range?		IVP – List diluent solution, volume, and rate of administration IVPB – List concentration and rate of administration	Adverse Effects	Appropriate Nursing Assessment, Teaching, Interventions (Precautions/Contraindications, Etc.)
				Is med in therapeutic range?	If not, why?			
Dextrose 10% q 0.2% NaCl 250ml q KCl 5meq	minerals & electrolytes	hydration	1ml/hr IV, Continuous	Maintenance fluids		N/A	hyperglycemia vein irritation fluid overload	1. Monitor glucose 2. Monitor electrolytes 3. Watch for edema & crackles 4. Watch I&O's