

NICU Disease Process Map

D.O.B. 4/3/25

APGAR at birth: 8

Gestational Age 29³

Adjusted Gestational Age 32²

Birthweight 2 lbs. 7 oz. / 1110 grams

Current weight ___ lbs. ___ oz. / 1380 grams

Disease Name: ~~necc~~ neuroenterocolitis

What is happening in the body?

lining of the bowel died and tissue fell off

What am I going to see during my assessment?

• distended abdomen

What tests and labs will be ordered?

- X-ray diagnosis
- lateral / abd - floating air to to
- contrast enema - muconium plug, bowel dilatation

What trends and findings are expected?

- intestinal perforation
- infection



What medications and nursing interventions/treatments will you anticipate?

- bowel resection 2cm-removed.
- Zosyn



How will you know your patient is improving?

no vomit
no ↑ abd girth



What are risk factors for the diagnosis?

Premature infants



What are the long-term complications?

- future intestinal perforation
- possible short bowel syndrome



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

monitor closely
breast & formula

Student Name: Kellie Williams

Unit: NICU

Pt. Initials: JBM

Date: 4/23/25

Allergies: NKDA

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

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

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?			
gabapentin								1. 2. 3. 4.
hydrocortisone 0.77mg	corticosteroid	↓ inflammation	0.77mg IV q12hr	0.56 - 8mg yes 10g/day			bradycardia arrhythmias distention	1. hypercorticism 2. will be weaned off 3. ↑ risk infection 4. (worst) Kaposi sarcoma
Zosyn 120mg	antibiotic antibiotic	treat infection	120mg IV q8hr	240-340 mg/ NO q8hr only 32wks			AKI due to renal impairment	1. monitoring Na 2. finish ABX 3. check kidney function 4. listen lungs
								1. 2. 3. 4.
								1. 2. 3. 4.