

✓ RDS
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NICU Disease Process Map

Destiny

D.O.B. <u>11/8/23</u>	APGAR at birth: <u>6; 7</u>
Gestational Age <u>4 weeks</u> born <u>28 weeks</u>	Adjusted Gestational Age <u>33; 2</u> <u>= 33 weeks</u>
Birthweight <u>1</u> lbs. <u>1</u> oz. / <u>500</u> grams	
Current weight <u>2</u> lbs. <u>4</u> oz. / <u>1100</u> grams	

Disease Name: premature (multiple births) newborn (1/3 triplet)
necrotizing enterocolitis (NEC)

What is happening in the body? inflammation of the intestine leading to bacterial invasion causing mucosal damage / mucosal death; necrosis of the intestine; w/lon



What am I going to see during my assessment? tender abdomen
poor feeding @ 0800
gastric drainage (light green)
abdominal distension (dark green / @ 1100 yellow)



What tests and labs will be ordered? CBC, BUN, ~~CRP~~ CRP, CXR
laproscopy was ordered
xray



What trends and findings are expected? ~~weight~~
↓ weight (poor feeding)
bili / drainage upon gastric content aspiration



What medications and nursing interventions/treatments will you anticipate?

NPO status

Assess NG tube (gastro contents)

ostomy care

Respiratory assessment



How will you know your patient is improving?

↑ O₂ (patient is intubated)

normal bowel movements / function



What are risk factors for the diagnosis?

Antenatal: postnatal conditions: HTN, preeclampsia, cocaine

↓ intestinal blood flow · ↓ birth weight



What are the long-term complications?

prolonged hospitalization

TPN

short bowel syndrome, intestinal failure, nutritional deficits



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

parents

ostomy care to prevent infection

nutritional needs

watching growth: development milestones, weight gain

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

Primary IV Fluid and Infusion Rate (ml/hr)	Circle IVF Type Isotonic <input type="checkbox"/> Hypotonic <input type="checkbox"/> Hypertonic <input type="checkbox"/>	Rationale for IVF	Lab Values to Assess Related to IVF	Contraindications/Complications

Student Name: <i>Destiny</i>		Unit: <i>NICU</i>	Patient Initials: <i>CF</i>	Date: <i>1/8/15</i>	Allergies: <i>NKDA</i>		
Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Is med in therapeutic range? If not, why?	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.)
<i>708mg piperacillin & tazobactam</i>	<i>beta lactamase inhibitor</i>	<i>antibiotic to fight bacteria in the body</i>	<i>0.8 mL IVP over 30 min q 4h</i>		<i>60 + 80 = 0.8 mL over 30 min IV</i>	<i>diarrhea constipation nausea headache</i>	<i>monitor bleeding (prothrombin time) monitor for seizures monitor electrolytes (sodium, K⁺)</i>