

## NICU Disease Process Map

D.O.B. <u>12/18/23</u>	APGAR at birth: <u>4/6/8</u>
Gestational Age <u>27 4/7</u>	Adjusted Gestational Age <u>45 6/7</u>
Birthweight <u>3</u> lbs. <u>6</u> oz. / <u>1351</u> grams	
Current weight <u>8</u> lbs. <u>1</u> oz. / <u>3681</u> grams	

Disease Name: RDS

What is happening in the body?

There is a lack of surfactant in lungs. RDS affects primarily premature infants.

What am I going to see during my assessment?

Infants will have oxygen via nasal cannula. lung sounds are clear bilat. on auscultation.

What tests and labs will be ordered? CPG, CMP, BMP xray of the lungs.

What trends and findings are expected? xrays over time show lung expansion. Ph was 7.4, PCO2  $\downarrow$ , CO2 arterial 21%.



What medications and nursing interventions/treatments will you anticipate?

Artificial surfactant + oxygen.



How will you know your patient is improving? A decrease in the amount of oxygen is a sign of improvement.



What are risk factors for the diagnosis? Multiple birth, prematurity, mother has Diabetes.



What are the long-term complications? Infants could be more susceptible to lung infections. A more severe complication could be oxygen dependent for the rest of the infant's life.



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

Teach parent how to administer oxygen at home.  
No smoking around infant.  
Use good hand washing technique

Student Name: Mariana Chavez

Unit: \_\_\_\_\_

Pt. Initials: \_\_\_\_\_

Date: \_\_\_\_\_

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

Allergies: ALLA

Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Therapeutic Range?		IVP – List solution to dilute and rate to push.  IVPB – concentration and rate of administration	Adverse Effects	Appropriate Nursing Assessment, Teaching, Interventions (Precautions/Contraindications, Etc.)
				Is med in therapeutic range?	If not, why?			
Furoil	diuretic	Prevent fluid overload	305mg 10/kilo PO	10-30mg/kg  Yes		NA	<ul style="list-style-type: none"> <li>• Cyanosis</li> <li>• blood in urine or stool</li> <li>• Black stools</li> </ul>	<ol style="list-style-type: none"> <li>1. measure I + O</li> <li>2. assess lungs frequently</li> <li>3. check for bloody stools</li> <li>4. assess for signs of cyanosis</li> </ol>
Cafcit	CNS stimulant	treat RDS	101.4mg PO BID	5mg/kg  Yes		NA	<ul style="list-style-type: none"> <li>• Vomiting</li> <li>• Fast HR</li> <li>• dehydration</li> </ul>	<ol style="list-style-type: none"> <li>1. monitor HR</li> <li>2. watch for allergic reaction</li> <li>3. bloating</li> <li>4. watch for signs of dehydration</li> </ol>
								<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>
								<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>
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