

Student Name: Juliana Adams Pagan

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

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

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

**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?			
Midazolam	benzodiazepine	Sedation	1.4 mcg/kg / hr IV	yes	NS 0.9% 4 mcg/mL at a rate of 0.72 mL/hr	Drowsiness, dizziness, nausea, vomiting	<ol style="list-style-type: none"> <li>1. Monitor for adverse reactions</li> <li>2. Monitor BP and O<sub>2</sub> saturation</li> <li>3. Assess for s/s of pain</li> <li>4. Assess for breathing problems</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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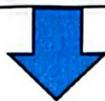
## NICU Disease Process Map

D.O.B. <u>02/09/25</u>	APGAR at birth: <u>4</u> at 1 min, <u>8</u> at 5 min
Gestational Age <u>25 weeks</u>	Adjusted Gestational Age <u>34 weeks</u>
Birthweight <u>2 lbs. 1.2 oz.</u>	<u>940</u> grams
Current weight <u>5 lbs. 0.4 oz.</u>	<u>2250</u> grams

Disease Name: Persistent pulmonary hypertension of newborn (PPHN)

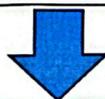
What is happening in the body?

The baby's blood vessels don't open up enough causing a limit on how much oxygen reaches the brain and other organs.



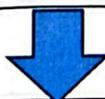
What am I going to see during my assessment?

Rapid or slow breathing, grunting, retracting, rapid RR, cyanosis, hypotension, low blood oxygen levels, heart murmur



What tests and labs will be ordered?

History and physical exam, echocardiogram, CBC, pulse ox, ABG, chest x-ray



What trends and findings are expected?

Thickened smooth muscle layer in the pulmonary arteries and decreased vascular density, right to left shunting of blood



What medications and nursing interventions/treatments will you anticipate?

Supplemental oxygen, mechanical ventilation, nitric oxide, extracorporeal membrane oxygenation, BP meds, monitor VS



How will you know your patient is improving?

Increased oxygen flow to the baby's organs, decreased need for therapies, improved ABG values, reduced nitric oxide dose



What are risk factors for the diagnosis?

Meconium aspiration, infection such as pneumonia and bloodstream infections, RDS, birth asphyxia, diaphragmatic hernia, other congenital heart and lung abnormalities



What are the long-term complications?

Developmental delays, hearing issues like deafness, learning disabilities, decreased ability to perform physical activities



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

Explain the condition, symptoms, causes, and treatment, hand washing to prevent germs, avoid crowded place, emphasize follow-up appointments