

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
N/A	Isotonic <input type="checkbox"/> Hypotonic <input type="checkbox"/> Hypertonic <input type="checkbox"/>	Click here to enter text.	Click here to enter text.	Click here to enter text.

Student Name: Analia Robles		Unit: NICU	Patient Initials: Click here to enter text.		Date: 1/5/2022	Allergies: NKA	
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,
Poly-vitamin + Iron drop	multivitamin	To treat or prevent vitamin deficiency	0.5 ml PO BID	Yes	N/A	- Vomiting, diarrhea, constipation, black stool, cramping	1. Teach parents that medication can change stool color to black. 2. Teach parent for best result medication should be given on a regular basis. 3. Teach parents that medication can be mixed with a little amount of formula or breastmilk. 4. Teach parents to report any swelling, trouble breathing, rash or blisters could symptoms of allergic reaction.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Choose an item. Click here to enter text.	Click here to enter text.	Click here to enter text.	1. Click here to enter text. 2. Click here to enter text. 3. Click here to enter text. 4. Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Choose an item. Click here to enter text.	Click here to enter text.	Click here to enter text.	1. Click here to enter text. 2. Click here to enter text. 3. Click here to enter text. 4. Click here to enter text.

Adopted: August 2016

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 36wks 6

Patient Weight: 1.94kg

<p>Student Name: Analicia Robles</p>	<p>Unit: NICU Pt. Initials:</p>	<p>Date: 1/5/2022</p>
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Respiratory distress syndrome (RDS) is a common breathing disorder that affects newborns. RDS occurs most often in babies born preterm, affecting nearly all newborns who are born before 28 weeks of pregnancy. Less often, RDS can affect full term newborns. RDS is more common in premature newborns because their lungs are not able to make enough surfactant. Surfactant is a foamy substance that keeps the lungs fully expanded so that newborns can breathe in air once they are born. Without enough surfactant, the lungs collapse and the newborn has to work hard to breathe. He or she might not be able to breathe in enough oxygen to support the body's organs. Most babies who develop RDS show signs of breathing problems and a lack of oxygen at birth or within the first few hours that follow. The lack of oxygen can damage the baby's brain and other organs if not treated promptly. RDS may change over time to become bronchopulmonary dysplasia, or BPD. This is another breathing disorder that may affect babies, especially premature babies. RDS usually develops in the first 24 hours after birth. If premature newborns still have breathing problems by the time they reach 36 weeks gestation, they may be diagnosed with BPD. Some of the life-saving treatments used for RDS may contribute to BPD. Some newborns who have RDS recover and never get BPD. (Respiratory distress syndrome)</p>	<p>2. Factors for the Development of the Disease/Acute Illness:</p> <ul style="list-style-type: none"> - Infection -Premature delivery (P) -Problems with babys lung development -Stress during delivery -Extreme loss of blood during delivery -Mother having diabetes - Perinatal asphyxia -white/male babies -c section (P) -Cold stress -Multiple birth -Babies with patent ductus arteriosus -previous births of baby with RDS <p>(Respiratory distress syndrome)</p>	<p>3. Signs and Symptoms:</p> <ul style="list-style-type: none"> - Grunting sounds (P) -Rapid, shallow breathing (P) -Sharp pulling inward of the muscles between the ribs when breathing -Widening of the nostril or flaring with each breath (P) -Cyanosis -Tachypnea -Chest Retractions

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4. Diagnostic Tests Pertinent or Confirming of Diagnosis: - Chest x-ray (P) -Blood test (P) -Echocardiography	5. Lab Values That May Be Affected: - ABGs (P) -WBC (P) -LBC	6. Current Treatment (Include Procedures): •Placing an endotracheal (ET) tube into the baby's windpipe •Mechanical breathing machine (to do the work of breathing for the baby) •Supplemental oxygen (extra amounts of oxygen)(P) •Continuous positive airway pressure (CPAP). A mechanical breathing machine that pushes a continuous flow of air or oxygen to the airways to help keep tiny air passages in the lungs open. •Surfactant replacement with artificial surfactant. •Medications (to help sedate and ease pain in babies during treatment)
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. 1. 2. 3. *List All Pain/Discomfort Medication on the Medication Worksheet Click here to enter text.	8. Calculate the Maintenance Fluid Requirement (Show Your Work): Actual Pt MIVF Rate: Is There a Significant Discrepancy? Choose an item. Why?	9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): Actual Pt Urine Output:

References

- Gronowski, A. (2019, January 17). *Respiratory distress syndrome (RDS)*. Cancer Therapy Advisor. Retrieved January 6, 2022, from <https://www.cancertherapyadvisor.com/home/decision-support-in-medicine/labmed/respiratory-distress-syndrome-rds/>
- The Children's Hospital of Philadelphia. (2014, August 24). *Respiratory distress syndrome*. Children's Hospital of Philadelphia. Retrieved January 6, 2022, from <https://www.chop.edu/conditions-diseases/respiratory-distress-syndrome#:~:text=Treatment%20for%20RDS%20may%20include%3A%201%20Placing%20an,sedate%20and%20ease%20pain%20in%20babies%20during%20treatment%29>
- U.S. Department of Health and Human Services. (n.d.). *Respiratory distress syndrome*. National Heart Lung and Blood Institute. Retrieved January 6, 2022, from <https://www.nhlbi.nih.gov/health-topics/respiratory-distress-syndrome>

D.O.B: 11/25/2021

Gestational Age: 31 Weeks and 1 day

Adjusted Gest. Age: 36 weeks 6 days

Birthweight 2lbs. 6.1oz / 1080.12 grams

Current weight 4lbs. 4oz. / 1927.77 grams

APGAR at birth: 6

