

**IM5 (Pediatrics) Critical Thinking Worksheet****Patient Age:** 9 days old**Patient Weight:** 1.65kg

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| <b>Student Name:</b> Marisol Espinosa   | <b>Unit:</b> NICU <b>Pt. Initials:</b>  | <b>Date:</b> 3/23/2021  |
| <p><b>1. Disease Process &amp; Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):</b></p> <p>Respiratory Distress Syndrome is 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 harder to breathe.</p> | <p><b>2. Factors for the Development of the Disease/Acute Illness:</b></p> <p>Low Gestational age(p)</p> <p>Male predominance</p> <p>Maternal diabetes</p> <p>Perinatal depression</p> <p>Infection</p> | <p><b>3. Signs and Symptoms:</b></p> <p>Cyanosis</p> <p>Flaring of the nostrils.</p> <p>Tachypnea (p)</p> <p>Grunting sounds with breathing.</p> <p>Chest retractions</p> |
| <p><b>4. Diagnostic Tests Pertinent or Confirming of Diagnosis:</b></p> <p>Baby's appearance, color, and breathing efforts</p> <p>Chest X-rays of the lungs</p> <p>Blood gas tests</p> <p>Echocardiography</p>  | <p><b>5. Lab Values That May Be Affected:</b></p> <p>WBC</p> <p>RBC</p> <p>HGB</p> <p>HCT</p>   | <p><b>6. Current Treatment (Include Procedures):</b></p> <p>Caffeine Citrate(p)</p>   |

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| <p><b>7. Pain &amp; Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain &amp; Discomfort for This Patient.</b></p> <p>1.</p> <p>2.</p> <p><b>*List All Pain/Discomfort Medication on the Medication Worksheet</b><br/> <a href="#">Click here to enter text.</a></p> | <p><b>8. Calculate the Maintenance Fluid Requirement (Show Your Work):</b></p> <p>Actual Pt MIVF Rate:</p> <p>Is There a Significant Discrepancy?<br/> <input type="text"/></p> <p>Why?</p>  | <p><b>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work):</b></p> <p>Actual Pt Urine Output:</p> |
|  | <p><b>10. Growth &amp; Development: List the Developmental Stage of Your Patient For Each Theorist Below and Document 2 OBSERVED Developmental Behaviors for Each Theorist. If Developmentally Delayed, Identify the Stage You Would Classify the Patient:</b></p> <p>Erickson Stage:</p> <p>1.</p> <p>2.</p> <p>Piaget Stage:</p> <p>1.</p> <p>2.</p> |   |

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| <b>11. Focused Nursing Diagnosis:</b> | <b>15. Nursing Interventions related to the Nursing Diagnosis in #11:</b><br>1.<br><br><b>Evidenced Based Practice:</b> | <b>16. Patient/Caregiver Teaching:</b><br>1.<br><br>2.<br><br>3.             |
| <b>12. Related to (r/t):</b>          | 2.<br><br><b>Evidenced Based Practice:</b><br><br>3.<br><br><b>Evidenced Based Practice:</b>                            |  |
| <b>13. As evidenced by (aeb):</b>     |   | <b>17. Discharge Planning/Community Resources:</b><br>1.<br><br>2.<br><br>3. |
| <b>14. Desired patient outcome:</b>   |   |  |