

IM5 (Pediatrics) Critical Thinking Worksheet**Patient Age:** 3m**Patient Weight:** 5.2kg

Student Name: Olivia Smith	Unit: Pedi floor Pt. Initials:	Date: Click here to enter a date.
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Respiratory syncytial virus or RSV is a viral infection that attacks the epithelial cells of the respiratory tract. Inflammatory cells enter into the bronchioles and bronchial walls and cause obstruction leading to airway obstruction. This typically affects infants to 2 year olds, ith its peak incidence occuring in children 3 months and younger.</p>	<p>2. Factors for the Development of the Disease/Acute Illness: Infants and premature babies children with heart disease children with lung disease muscular dystrophy children who attend daycare (P)</p>	<p>3. Signs and Symptoms: rhinorrhea (P) pharyngitis coughing (P) sneezing (P) wheezing (P) fever(P) retractions refusal of feeds (P) diminished breath sounds</p>
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Viral cultures (P) rapid immunofluorescent antibody direct florscent antibody staning PCR testing (P)</p>	<p>5. Lab Values That May Be Affected: WBC (P) K+ Na Ca Cl pH (Acidosis)</p>	<p>6. Current Treatment (Include Procedures): Supplemental O2 (P) corticosteroids nasopharyngeal suctioning (P) Ribavirin</p>

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<p>7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient.</p> <ol style="list-style-type: none"> 1. kangaroo care with mom and dad. 2. Swaddling the pt. <p>*List All Pain/Discomfort Medication on the Medication Worksheet She had no remaining medications when I had her as a pt.</p>	<p>8. Calculate the Maintenance Fluid Requirement (Show Your Work): 5.2X100=520 ml/day</p> <p>Actual Pt MIVF Rate: none.</p> <p>Is There a Significant Discrepancy? <input type="checkbox"/></p> <p>Why? this pt. was not on IVF.</p>	<p>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): 1X5.2= 5.2 ml/hr</p> <p>Actual Pt Urine Output: 60 ml +1 immesurable</p>
	<p>10. Growth & 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:</p> <p>Erickson Stage: Trust vs. Mistrust</p> <ol style="list-style-type: none"> 1. Mom feeding her when she would start to get fussy. 2. Mom changing diapers as soon as they were dirty. <p>Piaget Stage: sensorimotor- primary circular reaction</p> <ol style="list-style-type: none"> 1. She would suck on her fingers while she was falling asleep. 2. She would make a sound and hear it then begin to repeat the sound over and over. 	

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11. Focused Nursing Diagnosis: Impaired gas exchange	15. Nursing Interventions related to the Nursing Diagnosis in #11: 1. Have pt. on continuous O2 monitor while weaning off of oxygen. Evidenced Based Practice: this helps us to track trends in her breathing and make sure we are titrating the O2 appropriately.	16. Patient/Caregiver Teaching: 1. Discuss the importance of hand hygiene to mom and dad espically making sure siblings that come in contact with baby wash hands frequently. 2. teach mom to make sure feedings only last 20-30 min to avoid putting baby at risk for a cloric deficit.
12. Related to (r/t): RSV diagnosis	2. have mom assist in holding child in a upright position as much as possible Evidenced Based Practice: being elevated above 45 degrees improves breathing.	3. Educate parents to make sure that toys and pacifiers are cleaned regularly since they often end up in mouths.
13. As evidenced by (aeb): Pt. O2 saturation dipping down into the low 80 high 70 range.	3. Have suction set up and ready to use if needed to help clear any airway secretions. Evidenced Based Practice: RSV can have a productive cough that can impaire an infants abillity to breathe regularly.	17. Discharge Planning/Community Resources: 1. Follow up appointment with PCP 2. Educate family about community education opportunites for things like vaccine classes or SIDS classes 3. Send parents home with pamphlet about RSV.
14. Desired patient outcome: Pt. will be able to maintain a O2 sturation of 90 with out the use of supplemental oxygen.		