

Nyack College SON- Concept Map

Student- Jennifer Diggs

Submission Date: 4/6/2023

Nurse Dx: Ineffective airway clearance r/t increased mucus secretions as evidenced by wheezes, increased resp. effort and chest congestion.

Expected Outcome: The patient will maintain an open and clear airway throughout hospitalization.

Interventions:

1. Provide chest PT and suction patient as needed.
2. Administer albuterol breathing treatment q2hr. as ordered.
3. Reassess breath sounds by auscultation every hour.
4. Teach parent how to properly administer breathing treatments.

Evaluation: Goal was not met yet because this is an ongoing assessment and patient will not be discharged for another 2 days.

Past Medical/Surgical Hx:

None

Medical Dx: Bronchiolitis due to human metapneumovirus

Assessments:

- Audible inspiratory wheeze
- Crackles
- Cough
- Chest congestion
- HR 131, RR 42, Temp 98.6, pulse ox 100%

Medications

1. Albuterol nebulizer q2h
2. Prednisolone 2mg/kg/day
3. Dextrose 5% 12 mL/hr.
4. Acetaminophen 15mg/kg PRN temp > 100.4

Nurse Dx: Infection r/t human metapneumovirus as evidenced by (+) HP viral culture, fever, and cough.

Expected Outcome: The patient will be cured of the human metapneumovirus infection before discharge.

Interventions:

1. Administer antipyretic, such as Tylenol, as ordered when temp > 100.4 degrees.
2. Encourage increased fluid intake.
3. Monitor changes in vital signs every hour.
4. Emphasize the importance of proper hygiene to the parent.

Evaluation: The goal was not met yet due to the patient no being discharged for a few more days.

Nurse Dx: Fatigue r/t the viral infection as evidenced by irritability by the child, the mother stating the child has not slept since 4am, and frequent napping throughout the day.

Expected Outcome: The child will demonstrate an increased sense of energy.

Interventions:

1. Provide frequent rest periods for the child and the mother.
2. Perform as many tasks as possible at one time to avoid frequent interruptions.
3. Instruct parent on different comfort measure useful for an irritable baby.
4. Provide a calm, quiet environment for the patient.

Evaluation: The goal was met when the mother stated the child slept throughout the night and was able to be consoled when woken up.

Nurse Dx: Risk for imbalanced nutrition: less than body requirements r/t increased metabolic needs due to fever.

Expected Outcome: The child will display an increase in appetite at every feeding session.

Interventions:

1. Perform nasal and/or oral suctioning before feedings.
2. Provide small frequent feeding sessions if the child can tolerate it.
3. Encourage the mother to continue to breast-feed.
4. Monitor the child's weight regularly.

Evaluation: The goal was met when the mother stated the child ate more than the prior feedings.