*Purpose of Assignment*

*The goal of creating a nursing concept map is to create a plan of care for a child with bronchiolitis. The nursing interventions would reflect the underlying respiratory syncytial virus with patent ductus arteriosus (PDA) history.*

*Competency*

*Apply the foundations of pediatric nursing when caring for clients with health alterations.*

***Scenario***

*You are working in a large urban pediatric clinic after-hours.*

*A mother brings her 6-month-old daughter, Vivi Mitchell, to the clinic for rhinorrhea, congestion, fever, and cough. Upon assessment, you identify the child has wheezing upon auscultation and on inspection, you identify retractions.*

* *The child is in less than 10th percentile of weight and has a cardiac history of Patent Ductus Arteriosus (PDA).*
* *Born at 36 weeks gestation.*
* *Mother states this child doesn’t go to day care but her two other children ages 2 and 3 do attend daycare.*
* *T- 102.1 HR 140 RR 40 BP 83/58 Pulse ox 96%*
* *A swab for respiratory syncytial virus (RSV) is positive.*

*Doctor orders - Nasal bulb suction and saline drops PRN, Tylenol 15mg/kg Q4 PRN for fever, Albuterol nebulizer in office and push po fluids as tolerated.*

*After the albuterol neb treatment, respirations are 36 and oxygen saturation is 100%. Wheezing has diminished. Mom is an ER nurse and the doctor feels comfortable that she has a nebulizer at home and can return to pediatric afterhours or ER if needed.*

*Client is discharged with these orders:*

* *methylprednisolone 0.4 mg/kg oral BID for 3*
* *Albuterol Q4 hours for 24 hours, then Q 6 hours for 24 hours, and Q6 as needed.*
* *Call if needed prior to the Q4 dose.*
* *Manage fever with Tylenol and continue hydration and nasal bulb suction Q6 while awake.*
* *Return for re-evaluation in 3 days*