



Signs & Symptoms

- Tachypnea
- Expiratory grunting
- Retractions
- Nasal flaring
- See-saw respirations
- Decreased breath sounds and apnea
- Pallor and cyanosis
- Hypothermia
- Poor muscle tone

Pathophysiology

Serious lung disorder caused by immaturity and inability to produce surfactant, resulting in hypoxia and acidosis.
 Complications: bronchopulmonary dysplasia (a chronic pulmonary condition that affects newborns who have experienced respiratory failure or have been oxygen-dependent for more than 28 days. Which may cause hypoxemia, malnutrition, umbilical/inguinal hernias).

Diagnostics/Labs

- Arterial Blood Gasses (ABGs)
 - HCO₃
 - pH
 - PaCO₂

Respiratory Distress Syndrome

Treatment/Medication

- Artificial surfactant replacement therapy
- Oxygen supplementation
- Fluid and metabolic management
- TPN

Nursing Implications

- Monitor color, temperature, O₂ saturation, HR, RR, and ABGs
- Minimize oxygen consumption
- Monitor I/O's
- Position newborn on the side or back, with neck slightly extended
- Support/promote bonding between parents and newborn

Patient Teaching

- Prepare parents for short/long term period of oxygen dependency if necessary.
- Encourage parents' participation in the care of their newborn.
- Educate parents in the condition/status of their newborn, evaluate their level of understanding of what is going on with their newborn or if they need further teaching.

D.O.B. 12/04/22

Gestational Age 27W&0D Adjusted Gestational Age 45W&2D

Birthweight lbs. oz./ 800 grams

Current weight lbs. oz./ 4060 grams

APGAR at birth: 7 at 1 min. & 8 at 5 mins.

Priority Nursing Diagnosis

Imbalanced nutrition: less than body requirements related to poor feeder as evidenced by inadequate intake of mothers' breast milk, perceived inability to ingest mothers breast milk, projectile emesis X3 when mothers breast milk is bottle-fed or gavage feeding.
 Desired outcome patient outcome: patient will complete intake of 50oz during each feeding of combined mothers breast milk and formula without difficulties by end of shift (1400) on 4/11/23.