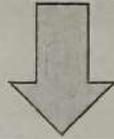


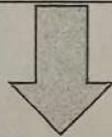
What medications and nursing interventions or treatments will you anticipate?

Surfactant - Given via ETT; improves alveoli expansion
Oxygen therapy - CPAP, nasal cannula, vent/maintain target O₂
Antibiotics - Ampicillin, gentamicin / if infection suspected
Needle decompression / chest tube - Removes trapped air / observe drainage, assess breath sounds

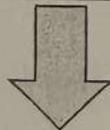
Please write up any medications given or any medications that your patient is on using a separate medication sheet. No medications were given or scheduled during my clinical shift.



How will you know that your patient is improving? Even chest rise, normal breath sounds, SpO₂ stable, less distress, stable HR/BP, pink skin, good capillary refill, more alert, less irritable
Normalizing ABGs, improved X-ray, no air leak
Calm, stable, maintaining oxygen on minimal support



What are the primary risk factors for this diagnosis? Premature birth - immature lungs, ↓ surfactant, RDS - Alveolar collapse, stiff lungs
Ventilation/CPAP - High airway pressure → rupture
Low birth weight - Fragile lungs
Pre-existing lung disease - weak noncompliant tissue



What are the long-term complications? Lung scarring, oxygen dependence
Recurrent pneumothorax - Repeated air leaks
Hypoxia → brain injury
Pulmonary Hypertension - High pressure in lung arteries
Feeding/Growth problems - Poor intake, reflux