

Inhaled Nitric Oxide for Treatment of Hypoxic Respiratory Failure (HRF) in Infants < 34 weeks Gestational Age at Birth

Eligibility Criteria

1. Positive history for prolonged preterm rupture of membranes &/or oligohydramnios &/or pulmonary hypoplasia
2. Diagnosis of HRF
3. Oxygen saturations <90% on 100% oxygen OR > 10% difference in pre/post ductal saturations

Clinical Response

1. Increase in oxygen saturations or improvement in pre/post saturation differential
2. Change occurs within 60 min

Weaning Criteria

1. $fiO_2 < 60\%$

