

BERACTANT (BOVIN LUNG EXTRACT)

Class: Lung Surfactant.

Indications:

Prevention and treatment of respiratory distress syndrome (RDS) in premature infants.

Prophylactic therapy: Body weight <1250 g in infants at risk for developing, or with evidence of, surfactant deficiency (administer within 15 minutes of birth)

Rescue therapy: Treatment of infants with RDS confirmed by x-ray and requiring mechanical ventilation (administer as soon as possible - within 8 hours of age)

Available dosage form in the hospital:

-BERACTANT (BOVIN LUNG EXTRACT) 25MG/ML VIAL

-BERACTANT (BOVIN LUNG EXTRACT) 100MG INJ

Dosage: (Pediatric)

-Respiratory distress treatment: Premature infants:

-Prophylactic treatment: Endotracheal: Administer 4 ml/kg (100 mg phospholipids/kg) as soon as possible; as many as 4 doses may be administered during the first 48 hours of life, no more frequently than 6 hours apart. The need for additional doses is determined by evidence of continuing respiratory distress; if the infant is still intubated and requiring at least 30% inspired oxygen to maintain a PaO₂ ≤80 torr.

-Rescue treatment: Endotracheal: Administer 4 ml/kg (100 mg phospholipids/kg) as soon as the diagnosis of RDS is made; may repeat if needed, no more frequently than every 6 hours to a maximum of 4 doses

Renal Impairment:

No dosage adjustment provided in manufacturer's labeling.

Hepatic Impairment:

No dosage adjustment provided in manufacturer's labeling.

Common side effect:

- Cardiovascular: Transient bradycardia

Pregnancy Risk Factor:

Beractant is only indicated for use in premature infants.