Guidelines for use of Epinephrine, Racemic (Racepinephrine®)

Recommended Neonatal Dose, Route, and Interval

- 0.25 ml of 2.25% solution/dose diluted to 3 ml with normal saline. Given via nebulization over 15 minutes prn

Chief Indications

1. Upper airway obstruction
2. Croup

Possible Adverse Reactions

1. Tachycardia, hypertension
2. Precipitation or exacerbation of narrow-angle glaucoma

CONTRAINDICATIONS/PRECAUTIONS:

1. Hypersensitivity to epinephrine
2. Cardiac arrhythmias
3. Angle-closure glaucoma

Nursing Implications

1. Monitor response, heart rate, and blood pressure.
2. Avoid exposure to eyes

Special Considerations and Calculations

1. Room temperature
2. Protect from light
3. Dilute in 3 ml normal saline prior to use

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