

Southern Illinois Regional EMS System

JJ-30 BENZOCAINE SPRAY

Class:

- Anesthetic, oropharyngeal

Description:

- When applied locally, alters permeability of nerve cells to sodium ions causing the blocking of nerve impulses.

Onset and Duration:

- Onset: 30 seconds to 1 minute
- Duration: 5-15 minutes

Indications:

- Used to numb and prepare the pharynx for drug assisted intubation

Contraindications:

- Hypersensitivity or allergy to topical anesthetics in the ester class, "caines"

Adverse Reactions:

- Irritation
- Erythema
- Pain
- Methemoglobinemia

Drug Interactions:

- Oropharyngeal administration will rarely generate an interaction with another drug.

How Supplied:

- Spray can 2oz. (20% Benzocaine / spray approx. 60 mg)

Dosage and Administration:

- Preparation for drug assisted intubation:
 - Adult: 1 spray x 2, 30 seconds apart.
 - Pediatric: Not recommended

Special Considerations:

- Pregnancy class C
- Be mindful of methemoglobinemia (very rare)
 - Methemoglobin is a form of hemoglobin that does not carry oxygen. Methemoglobinemia can be congenital or acquired anytime in life by exposure to certain chemical agents or medications.