Class: Anesthetic

Indications

- Pain control after IO placement

Contraindications

- Hypersensitivity to drug or amide type anesthetic

Mechanism of Action

- Prevents generation/conduction of nerve impulses by reducing sodium permeability and increasing action potential threshold. This inhibits depolarization resulting in blockade of nerve impulse conduction.

Pharmacokinetics

- Onset: Rapid
- Peak Effects: 5-30 minutes
- Duration: 1-1.5 hours
- Half-Life: 1.5-2 hours

Side Effects

- CNS excitation
- CNS depression
- Drowsiness
- Bradycardia
- Hypotension

Dosage

- Adult: 40mg IO
- Pediatric: 0.5mg/kg IO up to 40mg max dose

Supplied

- 20mg/ml (40mg total)