

Southern Illinois Regional EMS System

JJ-16 LABETALOL

Class:

- Alpha and Beta adrenergic blocker

Description:

- An alpha₁ selective and nonselective beta blocker that is used for lowering blood pressure in hypertensive crisis.

Onset and Duration:

- Onset: Within 5 minutes
- Duration: 3-6 hours

Indications:

- Hypertensive emergencies

Contraindications:

- Hemodynamically unstable patients
- STEMI or heart failure

Adverse Reactions:

- Vertigo
- Headache
- Edema
- Fatigue
- Ventricular dysrhythmias
- Dyspnea
- Facial flushing
- Diaphoresis
- Bradycardia
- Nausea/vomiting
- Tinnitus

Drug Interactions:

- Bronchodilator effects of beta-adrenergic agonists may be blunted by labetalol.
- Nitroglycerin may potentiate hypotensive effects.

How Supplied:

- 5 mg/mL vials

Dosage and Administration:

- Hypertensive Crisis (Systolic >200 and/or Diastolic >120):
 - Adult: 10 mg IV/IO slowly over 1-2 minutes.
 - May repeat dose in 10 minutes if needed (maximum 150 mg).
 - Pediatric: Not recommended

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JJ-14 LABETALOL (continued)

Special Considerations:

- Pregnancy class CD
- B/P, pulse, and ECG should be monitored continuously
- Monitor for signs of CHF, bradycardia, and bronchospasm