

Class

Antihypertensive, Selective Alpha and Nonselective Beta-Adrenergic Blocker

Pharmacologic Properties

Labetalol combines both selective alpha and non-selective beta blocking activity in a single substance. These actions decrease blood pressure without reflex tachycardia and without significant reduction in heart rate or cardiac output.

Indications

- Hypertensive emergencies in absence of CVA/Brain Attack [Protocol 12](#).

Contraindications

- A history of any of the following:
 1. Asthma, emphysema, chronic bronchitis
 2. Congestive heart failure / pulmonary edema
 3. Cardiogenic shock
 4. Heart blocks > 1° or symptomatic sinus bradycardia
 5. Amphetamines and/or cocaine use

Adverse Reactions

- Orthostatic hypotension, ventricular dysrhythmia, syncope, bradycardia, heart block, dizziness, headache, tingling of the scalp/skin, numbness, vertigo, wheezing, nausea/vomiting.

Dosage and Administration**Adult**

- 10 mg slow IVP over 2 minutes.
 - May be repeated once after 5 minutes if necessary to achieve the desired effect, (B/P > 200/110 regardless of presence or absence of symptoms).
 - 10 mg slow IVP over 2 minutes.

Pediatric

- Not indicated for pediatric use.