**LEVOBUNOLOL**

**CLASS:** Beta-Blocker, Nonselective; Ophthalmic Agent, Antiglaucoma

**INDICATIONS:** To lower intraocular pressure in chronic open-angle glaucoma or ocular hypertension

**AVAILABLE DOSAGE FROM THE HOSPITAL:**

LEVOBUNOLOL 0.5% EYE /DROPS

**TRADE NAMES:**

**DOSAGE:**

- **Dosing: Adult**
  - **Glaucoma (open-angle, chronic), intraocular hypertension:**
    - Ophthalmic:
      - 0.25% solution: Instill 1-2 drops into affected eye(s) twice daily
      - 0.5% solution: Instill 1-2 drops into affected eye(s) once daily; may increase to 1 drop twice daily in patients with severe or uncontrolled glaucoma; Maximum dose: Doses >1 drop twice daily (0.5%) are generally not more effective.

- **Dosing: Geriatric**
  - Refer to adult dosing.

- **Dosing: Renal Impairment**
  - No dosage adjustment provided in manufacturer’s labeling.

- **Dosing: Hepatic Impairment**
  - No dosage adjustment provided in manufacturer’s labeling.

**COMMON SIDE EFFECT:** Frequency not always defined.

- Cardiovascular: Arrhythmia, bradycardia, cardiac arrest cerebral ischemia, cerebrovascular accident, chest pain, congestive heart failure, heart block, hypotension, palpitation, syncope
- Central nervous system: Ataxia (transient), confusion, depression, dizziness, headache, lethargy
- Dermatologic: Alopecia, erythema, pruritus, rash, Stevens-Johnson syndrome, urticaria
- Endocrine & metabolic: Hypoglycemia masked
- Gastrointestinal: Diarrhea, nausea
Genitourinary: Impotence

Neuromuscular & skeletal: Myasthenia gravis exacerbation, paresthesia, weakness

Ocular: Stinging/burning (up to 33%), blepharoconjunctivitis (5%), blepharoptosis, conjunctivitis, corneal sensitivity decreased, diplopia, iridocyclitis, keratitis, ptosis, visual disturbances

Respiratory: Bronchospasm, dyspnea, nasal congestion, respiratory failure

Miscellaneous: Hypersensitivity

**PREGNANCY RISK FACTORS:** C