### ATENOLOL

#### Indication
- Hypertension\(^1\)
- Arrhythmias\(^2\)

#### Presentation
- Tablet 50 mg
- QH-Central Pharmacy product: 2 mg/mL

#### Dosage
- 0.5–2 mg/kg once daily
  - May be administered in 2 divided doses\(^2\)

#### Preparations
- Place 1 tablet (50 mg) into an enteral syringe and mix with 10 mL of water for injection
- Allow tablet to disperse (this may take several minutes—agitare gently if required)
- Concentration now equal to 5 mg/mL
- Alternative method (use Noten® or Tensig® brand)
  - Crush 1 tablet (50 mg) into a fine powder
  - Disperse in 10 mL of water for injection\(^3\)
  - Concentration now equal to 5 mg/mL

#### Administration
- Oral/OGT/NGT before feeds

#### Special Considerations
- Avoid abrupt withdrawal\(^1\)
- Use with caution if impaired renal function
  - Start low dose and up-titrate slowly according to clinical circumstances

#### Monitoring
- Intermittent or continuous BP
- Cardiac

#### Compatibility
- Nil known

#### Incompatibility
- Nil known

#### Interactions
- Calcium channel blockers (e.g. verapamil and diltiazem)\(^1,4\)
- Antiarrhythmics (e.g. amiodarone, digoxin)\(^1,4\)
- Anaesthetic agents\(^1\), adrenaline (epinephrine)\(^1\)
- Non-steroidal anti-inflammatory drugs (e.g. ibuprofen and indomethacin)\(^5\)

#### Stability
- Tablet
  - Store below 25 °C. Protect from light and moisture\(^1\)
- Oral solution
  - Store below 25 °C. Protect from light
  - Use within 1 month of opening
- Reconstituted solution from tablet
  - Use immediately and discard remaining solution

#### Side Effects
- Hypotension; bradycardia, bronchospasm, dyspnoea, cold extremities; gastrointestinal upset; and wheezing\(^1,5\)

#### Actions
- Cardio selective beta blocker

#### Abbreviations
- BP: blood pressure

#### Keywords
- atenolol, hypertension, arrhythmia

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The Queensland Clinical Guideline *Neonatal Medicines* is integral to and should be read in conjunction with this monograph. Refer to the disclaimer. Destroy all printed copies of this monograph after use.
References


Document history

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