

Diphenhydramine

GENERIC NAME

Diphenhydramine

TRADE NAME

Benadryl

DESCRIPTION

Diphenhydramine is a potent antihistamine with both antihistamine and mild sedative properties.

HOW SUPPLIED

Ampule and pre-filled syringe: 50 mg/mL

INDICATIONS

- Anaphylaxis
- Allergic reactions

CONTRAINDICATIONS

- Allergy or hypersensitivity to diphenhydramine

MECHANISM OF ACTION

1. Blocks the effects of histamine, preventing bronchoconstriction and vasodilation.
2. Produces mild sedative effects.

SIDE EFFECTS

- Hypotension
- Headache
- Palpitations
- Tachycardia
- Sedation and drowsiness

- Disturbed coordination

AUTHORIZATION

EMT: Not authorized

AEMT: Standing order (IM only)

Paramedic: Standing order

DOSAGE

- **Adult:**
 - 25 mg, slow IV/IO push or IM for mild allergic reaction
 - 50 mg, slow IV/IO push or IM for severe allergic reaction
- **Pediatric:**
 - 1 mg/kg, slow IV/IO push or IM (max dose 25 mg) for mild or moderate reaction
 - 1 mg/kg, slow IV/IO push or IM (max dose 50 mg) for severe reaction

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