



Jackson Hole Fire/EMS Operations Manual

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Title: **Medication Protocol:
Diphenhydramine**
Division: 17
Article: 1.9
Revised: November 2019
Pages: 1

DIPHENHYDRAMINE (Benadryl) (Medication Protocol)

EMT-INTERMEDIATE PROVIDERS

STANDING ORDER

PARAMEDIC PROVIDERS

STANDING ORDER

CLASS: Antihistamine

PHARMACOLOGY/ Antihistamines prevent the physiological actions of histamines by
ACTIONS: blocking H1 and H2 receptor sites.

ONSET/DURATION: Onset: Max effects 1-3 hr. / Duration: 6 – 12 hr.

USE IN FIELD/
INDICATIONS:

- Mild to severe allergic reactions
- Anaphylaxis
- Acute extrapyramidal (dystonic) reactions
- Nausea/vomiting related to motion sickness
- Vertigo

CONTRAINDICATIONS: Hypersensitivity, patients taking MOA inhibitors, narrow-angle glaucoma (relative), newborns and nursing mothers

SIDE EFFECTS: Drowsiness, disturbed coordination, hypotension, palpitations, tachycardia, bradycardia, thickening of bronchial secretions, dry mouth and throat, paradoxical excitement in children

DRUG INTERACTIONS: CNS depressants may increase depressant effects, MAO inhibitors may prolong and intensify anticholinergic effects.

ROUTE: IV, IO, IM

DOSAGE:

	ADULT	PEDIATRIC
25-50 mg IM, slow IV/IO		> 10 kg: 1.25 mg/kg/dose IV, IM , IO

PREGNANCY SAFETY: Category C – give only if potential benefits justifies risk to fetus

COMMENTS: Use caution in patients with CNS depression or lower respiratory diseases such as asthma