

Initial Date: 07/19/2023
Revised Date: 12/10/2025

Section: 9-22R

Diphenhydramine

Pharmacological Category: Histamine H1 Antagonist

Routes: IV/IO/IM

Indications:

1. Anaphylaxis
2. Mild or moderate allergic reaction
3. Urticaria/hives
4. Nausea and vomiting

Expected effects:

1. Antihistamine, decreased urticarial, decreased itching
2. Drowsiness

Dosing: NAUSEA AND VOMITING

Indications: Nausea and vomiting

Adults administer:

1. Diphenhydramine 12.5-25 mg IV/IM. Maximum dose 25 mg.

Pediatric (>2 years of age AND > 12 kg) administer:

1. Diphenhydramine 1.0 mg/kg IV. Max dose 25 mg

Dosing: ANAPHYLAXIS ALLERGIC REACTION

Indication: Anaphylaxis/allergic reaction

Adults administer:

1. Diphenhydramine 50 mg IM/IV/IO

Pediatrics administer:

1. According to MI MEDIC
2. If MI MEDIC is not available administer:
 - a. Diphenhydramine 1 mg/kg IM/IV/IO. Maximum dose 50 mg.

Dosing: POISONING/OVERDOSE/ENVIRONMENTAL EXPOSURE

Indication: extrapyramidal dystonic reactions

Adults administer:

1. Diphenhydramine 50 mg IV.

Pediatrics administer:

1. Diphenhydramine 1 mg/kg IV. Max dose 50 mg.

Used in the Following Protocols

Nausea & Vomiting (Section 1 General Treatment)

Anaphylaxis/Allergic Reaction (Section 1 General Treatment)

Poisoning/Overdose/Environmental Exposure (Section 2 Trauma and Environmental)