

Initial Date: 07/19/2023

Revised Date:

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. According to MI MEDIC cards
2. If MI MEDIC cards are not available administer:
  - a. 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 cards
2. If MI MEDIC cards are 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.



Bureau of Emergency  
Preparedness, EMS  
and Systems of Care

**Michigan**  
**MEDICATION SECTION**  
**DIPHENHYDRAMINE**

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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)

MCA Name Sanilac MCA  
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