

Diphenhydramine (Benadryl)

<u>Allergic Reaction/Anaphylaxis</u>		
I	Adult >2yo	0.5-1 mg/kg IV/IO/IM (max 50mg)
	Pediatric <2yo	Consult MCEP
<u>Acute Dystonic Reaction</u>		
I	Adult	50mg IV/IO/IM
	Pediatric	1mg/kg IV/IO/IM (max 50mg)

Class:

- Antihistamine

Description of Use:

- Acts on blood vessels, gastrointestinal tract, and respiratory system by competing with histamine for H1-receptor site. Diminishes allergic response by blocking histamine.

Pharmacokinetics:

- IM: Onset ½ hour, peak 1-4 hrs, duration 4-7 hrs
- IV: Onset immediate, duration 4-7 hrs
- Half-life: 2-7 hrs
- Metabolized in liver, excreted by the kidneys; crosses placenta, excreted in breast milk.

Special Populations:

- Pregnancy Category: B

Contraindications:

- Hypersensitivity to H1-receptor antagonists
- Acute asthma attacks
- Lower respiratory tract disease
- Neonates

Adverse Reactions:

- Seizures, thrombocytopenia, agranulocytosis, hemolytic anemia, anaphylaxis.