# DIPHENHYDRAMINE

<table>
<thead>
<tr>
<th><strong>CLASSIFICATION</strong></th>
<th>Antihistamine</th>
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<tbody>
<tr>
<td><strong>TRADE NAME(S)</strong></td>
<td>Benadryl</td>
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<tr>
<td><strong>DESired EFFECTS</strong></td>
<td>Blocks histamine effects in allergic reactions; Reverses untoward effects of some phenothiazine tranquillizers; inhibits motion sickness and nausea; mild sedative</td>
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<tr>
<td><strong>MECHANISM OF ACTION</strong></td>
<td>Blocks cellular histamine response</td>
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| **INDICATIONS**    | • Allergic reactions  
                      • Adjunct to epinephrine in anaphylactic shock  
                      • Dystonic reactions to phenothiazines |
| **CONTRAINDICATIONS** | • Patients experiencing anticholinergic syndrome  
                             • Narrow angle glaucoma (acute)  
                             • MAO inhibitors  
                             • Pregnancy  
                             • Prostate Enlargement  
                             • Ulcer with symptoms of obstruction |
| **ADVERSE REACTIONS** | • Dizziness  
                         • Drowsiness / sedation  
                         • Blurring of vision  
                         • Dry mouth  
                         • Wheezing  
                         • Palpations  
                         • Hypotension |
| **DRUG INTERACTIONS** | • Ethanol  
                          • Anticholinergic drugs  
                          • Cannot be mixed with methylprednisolone |
| **PRECAUTIONS**     | • Asthma (may thicken secretions) |
| **SPECIAL CONSIDERATIONS** | In life-threatening anaphylactic reactions epinephrine should be given as the first-line medication. |
| **DOSING REGIMEN**  | • Adult – 25 mg IVP or 50 mg IM  
                          • Pediatric Allergic Reactions  
                          - 1mg/kg (max dose 50mg) IVP or IM  
                          • Pediatric Chemical Restraint  
                          - 1mg/kg (max dose 25mg) IVP or IM |
| **PROTOCOL LOCATION** | • Allergic Reaction & Anaphylactic Shock  
                            • Psychiatric Emergencies – Chemical Restraint |