TREATMENT PROTOCOL: DYSTONIC REACTION

1. Basic airway
2. Venous access
3. Perform blood glucose test, if blood glucose is less than 60mg/dl:
   Consider oral glucose preparation if patient is awake and alert
   **Dextrose 10% 250mL IV**
   - Infuse 125mL, and reassess
   - If positive response, stop infusion
   - If minimal or no response, infuse the remaining 125mL for a total of 250mL

   **Pediatric: Dextrose 10% per Color Code Drug Doses LA County Kids**
   - 1mL/kg increments up to 5mL/kg
   - If unable to obtain venous access:
     **Glucagon 1mg IM**
     **Pediatric: Glucagon per Color Code Drug Doses LA County Kids**
     - 0.5mg (0.5mL) IM < 1 year
     - 1mg (1mL) IM 1 year or older

4. **ESTABLISH BASE CONTACT (ALL)**

5. Diphenhydramine
   - 50mg slow IV push
   - If unable to obtain venous access, 50mg deep IM
   - May repeat one time in 15min, total maximum dose 100mg

   **Pediatrics: See Color Code Drug Doses/L.A. LA County Kids**

6. If dystonic reaction continues, check blood glucose and if remains less than 60mg/dl:
   **Dextrose 10% 250mL IV**
   - Infuse 125mL, and reassess
   - If positive response, stop infusion
   - If minimal or no response, infuse the remaining 125mL for a total of 250mL

   **Pediatric: Dextrose 10% per Color Code Drug Doses LA County Kids**
   - 1mL/kg increments up to 5mL/kg
   - If unable to obtain venous access:
     **Glucagon 1mg IM**
     **Pediatric: Glucagon per Color Code Drug Doses LA County Kids**
     - 0.5mg (0.5mL) IM < 1 year
     - 1mg (1mL) IM 1 year or older

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**SPECIAL CONSIDERATIONS**

Common medications that can cause acute dystonic reaction:

<table>
<thead>
<tr>
<th>Generic Name</th>
<th>Trade Name</th>
<th>General Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prochlorperazine</td>
<td>Compazine</td>
<td>Antiemetic, migraine headache</td>
</tr>
<tr>
<td>Hydroxyzine</td>
<td>Vistaril, Atarax</td>
<td>Antiemetic, antipruritic</td>
</tr>
<tr>
<td>Promethazine</td>
<td>Phenergan</td>
<td>Antiemetic, antipsychotic</td>
</tr>
<tr>
<td>Haloperidol</td>
<td>Haldol</td>
<td>Antipsychotic, Tourette’s syndrome</td>
</tr>
<tr>
<td>Thoridazine</td>
<td>Mellaril</td>
<td>Antipsychotic</td>
</tr>
<tr>
<td>Alprazolam</td>
<td>Xanax</td>
<td>Antianxiety</td>
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<tr>
<td>Metoclopramide</td>
<td>Reglan</td>
<td>Antiemetic</td>
</tr>
<tr>
<td>Droperidol</td>
<td>Inapsine</td>
<td>Antiemetic, antipsychotic</td>
</tr>
<tr>
<td>Fluphenazine</td>
<td>Prolixin</td>
<td>Neuralgia, antipsychotic</td>
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</tbody>
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