
AUTHORIZED BY: CPC Quality of Care Committee
ISSUE DATE: June 2002
CATEGORY: ACP/PCP Medications
TITLE: **Dimenhydrinate**

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- Other Names:**
- Gravol, Dramamine
- Classifications:**
- Antiemetic agent
 - Antivertigo agent
 - H₁ Antihistamine
 - Anticholinergic
- Pharmacodynamics:**
- Blocks H₁ target receptor cells
- Onset:**
- IV: Immediately
 - IM: 20-30 minutes
- Peak:**
- Not found
- Duration:**
- IV & IM: 3-6 hours
- Indications:**
- Nausea
 - Vomiting
- Contraindications:**
- Unaltered LOA
 - Allergy to antihistamines or Gravol
 - Overdose of anticholinergics, TCA, antihistamines
- Precautions:**
- May cause seizures in small children
 - Undiluted solution is irritating to the veins, and may cause sclerosis
 - Intoxication
- Adverse Reactions:**
- Drowsiness, hypotension, palpitations
 - Dizziness, dry mouth
 - Stinging may occur during drug administration
- Drug Interactions:**
- Compatible with D5W, normal saline and ringers lactate
- Preparation:**
- 50 mg/ml vial
- Special Considerations:**
- Gravol given IV should be diluted with 9 ml of Normal Saline prior to administration
 - Administer Gravol slowly via IV push.
- References:**
- Ontario Provincial ALS Patient Care Standards, Version 4.5
 - Compendium of Pharmaceuticals and Specialties 2013

NOTE: *The information contained herein does not supersede or negate the MoHLTC Provincial Medical Directives and should only serve as general information about the medication itself. For medication dosages, please refer to the current version of the Ontario Provincial ALS Patient Care Standards.*