**H13. Diphenhydramine (Benadryl)**

**Class and Action:** Antihistamine; prevents histamine response by blocking $H_1$ receptor sites.

**Indications:** Moderate to severe allergic reactions, anaphylaxis, extra pyramidal symptoms (dystonia, tremors, slurred speech, anxiety/paranoia. Nausea/Vomiting.

**Contraindications:** Hypersensitivity, MAO inhibitor use, narrow angle glaucoma, newborns, and nursing mothers.

**Side Effects:** Hypotension, drowsiness, sedation, altered coordination, palpitations, tachycardia, bradycardia, thickening of bronchial secretion, dry mouth, excitement in children.

**Drug Interactions:** Will potentiate CNS depressants, do not use if pt is on MAO inhibitor.

**Onset, Duration, and Routes:** Onset is within 10-15 minutes with maximum effects in 1-3 hours. Duration of 6-12 hours. Routes of administration include IV, IO, and IM.

**Adult Dose:**
- Nausea/Vomiting 12.5-25 mg IV/IO/IM
- Allergic Reaction 1 mg/kg, max dose of 50 mg
- Dystonic/extrapyramidal 25-50 mg

**Pediatric Dose:**
- Nausea/Vomiting >2 years old and > 12 kg 0.2 mg/kg, max of 25 mg
- Allergic reaction 1 mg/kg IV/IO/IM, max 25 mg
- Dystonic/extrapyramidal 1 mg/kg IV/IM max of 25 mg

**WDM EMS Protocols:**
- A6. Nausea/Vomiting
- C4. Allergic reaction/anaphylaxis
- C9. Poisoning/Overdose

**Special Considerations:**

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