

Southern Illinois Regional EMS System

JJ-25 PROMETHAZINE (PHENERGAN)

Class:

- Antiemetic
- Antihistamine

Description:

- Promethazine is an H₁ receptor antagonist that blocks the actions of histamine by competitive antagonism at the H₁ receptor. In addition to antihistamine effects, promethazine also possess sedative, anti-motion, antiemetic, and considerable anticholinergic activity.

Onset and Duration:

- Onset: IM, within 20 minutes.
- Duration: 4-6 hours, although effects may persist up to 12 hours.

Indications:

- Nausea and vomiting.
- Motion sickness.
- Preoperative and postoperative, obstetric (during labor) sedation.
- To potentiate the effects of analgesics.
- Allergic reactions.

Contraindications:

- Hypersensitivity.
- Comatose states.
- Central nervous system depression from alcohol, barbiturates, or narcotics.
- Altered LOC

Adverse Reactions:

- Sedation.
- Dizziness.
- May impair mental and physical ability.
- Paradoxical excitation in children and elderly.
- Tissue necrosis from IV extravasation.

Drug Interaction:

- Concomitant use of central nervous system depressants may have an additive sedative effect.

How Supplied:

- 25mg/mL in 1mL ampules.

Dosage and Administration:

- Adult:
 - 12.5 - 25mg deep IM.
- Pediatrics:
 - Not indicated in the pre-hospital setting.

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JJ-22 PROMETHAZINE (PHENERGAN) (continued)

Special Considerations:

- Pregnancy Category C:
 - Generally considered safe for use during labor.
- Use caution in patients with asthma, peptic ulcer, and bone marrow depression.
- Take care to avoid accidental intraarterial injection.
- IM injections are the preferred route of administration.