

PROMETHAZINE
(proh-METH-ah-zeen)
Phenergan

PHARMACOLOGIC CLASSIFICATION:

-phenothiazine derivative

THERAPEUTIC CLASSIFICATION:

-anti-emetic
-anti-histamine

MECHANASIM OF ACTION:

-anti-emetic effects are due to inhibition of the medullary chemoreceptor trigger zone
-competes with histamine for the H₁-receptor, suppressing allergic rhinitis and urticaria

INDICATIONS:

-treatment of nausea, vomiting, motion sickness

CONTRAINDICATIONS:

-lactation
-comatose patients
-CNS depression due to drugs
-seizure disorders
-use cautiously in patients with asthma or cardiac, pulmonary, or hepatic disease

SIDE EFFECTS:

-CNS: sedation, confusion, drowsiness, dizziness, extrapyramidal symptoms
-CV: hypotension, hypertension
-photosensitivity

INTERACITONS:

-epinephrine (may result in partial adrenergic blockade, producing further hypotension)
-antihistamines, CNS depressants, alcohol, barbiturates, tranquilizers (additive CNS depression)

DOSAGE:

-12.5 to 25 mg IM or IV

SPECIAL INFORMATION:

-geriatric patients are more likely to experience confusion, dizziness, hypotension, and sedation
-administration subcutaneously may cause irritation and necrosis
-promethazine and Demerol may be mixed in the same syringe