

- About some methods of pain, comfort control
- To avoid intercourse, tub baths, douches, tampon use for at least 2 wk

diphenhydrAMINE (OTC, Rx)

(dye-fen-hye'dra-meen)

Allerdryl , AllerMax ,
Banophen, Benadryl, Benadryl
Allergy, Benadryl Allergy Dye Free,
Diphedryl, Diphenhist, Silphen,
Somnex, Unisom , Benlylin ,
Calmex , Dormex ,
Dormiphen 

Func. class.: Antihistamine (1st generation, nonselective)

Chem. class.: Ethanolamine derivative, H₁-receptor antagonist

Do not confuse:

diphenhydrAMINE/ dicyclomine/dimenhydrINATE

ACTION: Acts on blood vessels, GI, respiratory system by competing with histamine for H₁-receptor site; decreases allergic response by blocking histamine

USES: Allergy symptoms, rhinitis, motion sickness, antiparkinsonism, nighttime sedation, infant colic, nonproductive cough, insomnia in children

CONTRAINDICATIONS: Hypersensitivity to H₁-receptor antagonist, neonates

Precautions: Pregnancy, breastfeeding, children <6 yr, increased intraocular pressure, cardiac/renal disease, hypertension, bronchial asthma, seizure disorder, stenosed peptic ulcers, hyperthyroidism, prostatic hypertrophy, bladder neck obstruction

DOSAGE AND ROUTES

Antihistamine/antiemetic/antivertigina

• **Adult/child >12 yr:** PO 25-50 mg q4-6hr, max 300 mg/day; IM/IV 10-50 mg, max 300 mg/day

• **Child 6-12 yr:** PO/IM/IV 5 mg/kg/day in 4 divided doses, max 300 mg/day

Nighttime sleep aid

• **Adult and child ≥12 yr:** PO 25-50 mg at bedtime

Antitussive (syrup only)

• **Adult and child >12 yr:** PO 25 mg q4hr, max 150 mg/24 hr

• **Child 6-12 yr:** PO 12.5 mg q4hr, max 75 mg/24 hr

Motion sickness

• **Adult:** IM/IV 10-50 mg, max 25 mg/min; doses up to 100 mg/dose may be used; PO 25-50 mg q4-6hr

Available forms: Caps 25, 50 mg; tabs 25, 50 mg; chew tabs 12.5, 25 mg; elix 12.5 mg/5 mL; syr 12.5 mg/5 mL; inj 50 mg/mL; orally disintegrating tabs 12.5 mg; orally disintegrating strips 12.5, 25 mg

Administer:

• **Avoid use in children <6 yr; death has occurred; overdose has occurred with topical gel taken orally (adult/child)**

• With meals for GI symptoms; absorption rate may slightly decrease

• At bedtime only if using for sleep aid

IM route

• Deep IM in large muscle; rotate site

Direct IV route

• Undiluted; give 25 mg/min or less

Intermittent IV INFUSION route

• Dilute with 0.9% NaCl, 0.45% NaCl, D₅W, 0.9% NaCl, D₁₀W, LR, Ringer's

Y-site compatibilities: Acetaminophen, aldesleukin, alfentanil hydrochloride, amifostine, amikacin sulfate, aminocaproic acid, amphotericin B lipid complex (Abelcet), amphotericin B liposome (AmBisome), amsacrine, anidulafungin, argatroban, ascorbic acid injection, atenolol, atracurium besylate, atropine sulfate, azithromycin, benztropine mesylate, bivalirudin, bleomycin, bumetanide, buprenorphine, butorphanol, calcium chloride/gluconate, CARBOplatin, caspofungin, ceftAZidime, ceftizoxime, chlorproMAZINE, cimetidine, ciprofloxacin, cisatracurium, CISplatin, cladribine, clindamycin, codeine, cyanocobalamin, cyclophosphamide, cycloSPORINE, cytarabine,

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