

pneumoniae, *Treponema pallidum*, *Treponema pertenue*, *Ureaplasma urealyticum*, *Vibrio cholerae*, *Vibrio parahaemolyticus*, *Yersinia enterocolitica*, *Yersinia pestis*

CONTRAINDICATIONS: Pregnancy, children <8 yr, hypersensitivity to tetracyclines

Precautions: Hepatic disease, breast-feeding

DOSAGE AND ROUTES

Most infections

• **Adult:** PO/IV 200 mg, then 100 mg q12hr, max 400 mg/24 hr **IV**; **SUBGINGIVAL** inserted into periodontal pocket

• **Child >8 yr:** PO/IV 4 mg/kg, then 4 mg/kg/day **PO** in divided doses q12hr

Rickettsial infections

• **Adult:** PO/IV 200 mg, then 100 mg q12hr

• **Child ≥8 yr/adolescent:** PO/IV 4 mg/kg, then 2 mg/kg q12hr, max adult dose

Gonorrhea (allergic to penicillin)

• **Adult:** PO 200 mg, then 100 mg q12hr × ≥4 days

Syphilis (allergic to penicillin)

• **Adult:** PO 200 mg, then 100 mg q12hr × 10-15 days

Meningococcal carrier state

• **Adult:** PO 100 mg q12hr × 5 days

• **Child ≥8 yr:** PO 4 mg/kg initially (max 200 mg), then 2 mg/kg dose q12hr × 5 days, max 100 mg/dose

Uncomplicated gonococcal urethritis in men

• **Adult:** PO 100 mg q12hr × 5 days

Acne vulgaris (Solodyn only)

• **Adult/adolescent/child ≥12 yr:** **PO ext rel** 1 mg/kg/day × 12 wk or those weighing 126-136 kg—135 mg/day; 111-125 kg—115 mg/day; 97-110 kg—105 mg/day; 85-96 kg—90 mg/day; 72-84 kg—80 mg/day; 60-71 kg—65 mg/day; 50-59 kg—55 mg/day; 45-49 kg—45 mg/day

Acne vulgaris (all except Solodyn)

• **Adult/adolescent/child ≥12 yr:** **PO ext rel** 1 mg/kg/day × 12 wk or those weighing 91-136 kg—135 mg/day; 60-90 kg—90 mg/day; 45-59 kg—45 mg/day

Available forms: Caps 50, 75, 100 mg; powder for inj 100 mg; caps, pellet filled 50, 100 mg; tabs 50, 75, 100 mg; ext rel tabs 45, 55, 65, 80, 90, 105, 115, 135 mg

Administer:

• After C&S obtained before first dose; begin treatment as soon as drawn

• Store in airtight, light-resistant container at room temperature; do not expose to light

• **Fanconi's syndrome: do not use outdated products; may cause nephrotoxicity**

PO route

• With full glass of water; with food for GI symptoms

• Use pellet-filled caps/tabs 1 hr before or 2 hr after a meal

• Use extended-release tabs at same time each day, without regard to food

• Swallow caps, extended-release tabs whole; do not crush, chew

• 2 hr before or after laxative or ferrous products; 3 hr after antacid

IV route

• After reconstituting 100 mg/5 mL sterile water for inj; further dilute in 100-1000 mL of NaCl, dextrose sol; give over 1-6 hr, do not give rapidly or 250-1000 mL with Ringer's or LR, do not admix

• Change to PO dose as soon as possible to reduce thrombophlebitis risk

Y-site compatibilities: Alfentanil, amikacin, atracurium, benzotropine, buprenorphine, butorphanol, calcium chloride, CARBOplatin, caspofungin, cefonicid, chlorproMAZINE, cimetidine, cisatracurium, codeine, cyclophosphamide, cycloSPORINE, cytarabine, DACTINomycin, dexmedetomidine, diltiazEM, diphenhydrAMINE, DOBUTamine, DOCEtaxel, doxacurium, doxycycline, enalaprilat, ePHEDrine, EPINEPHrine, eptifibatide, etoposide, fenoldopam, fentaNYL, filgrastim, fludarabine, gatifloxacin, gemcitabine, gentamicin, glycopyrrolate, granisetron, heparin, hetastarch, IDArubicin, ifosfamide, inamrinone, isoproterenol, labetalol, levoFLOxacina, lidocaine, linezolid, LORazepam, magnesium sulfate, mannitol, melphalan, metaraminol, methotrexate, methyldopa, metoclopramide,

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