

Adult acute sinusitis or exacerbation of chronic bronchitis: 500 mg PO daily for 3 days. Zmax for **acute sinusitis** (adults only), **community-acquired pneumonia** (6 mo to adult): 60 mg/kg (up to 2 g) PO single dose on empty stomach; give adult dose of 2 g for wt 34 kg or greater. **Chlamydia** (including pregnancy), **chancroid:** 1 g PO single dose. See STD table. **Prevention of disseminated *Mycobacterium avium* complex disease:** 1200 mg PO once a week. **Pertussis treatment/post-exposure prophylaxis:** 10 mg/kg PO once daily for 5 days for infants younger than 6 mo; 10 mg/kg (max 500 mg) PO on day 1, then 5 mg/kg (max 250 mg) PO once daily for 4 days for children 6 mo and older; 500 mg PO on day 1, then 250 mg PO daily for 4 days for adolescents and adults. QT interval prolongation and established risk of torsades. [Generic/Trade: Tabs 250, 500, 600 mg. Susp 100, 200 mg/5 mL. Packet 1000 mg. Z-Pak: #6, 250 mg tab. Tri-Pak: #3, 500 mg tab. Trade only: Extended-release oral susp (Zmax): 2 g in 60 mL single-dose bottle.] ▶L ♀B D? \$

CLARITHROMYCIN (Biaxin) **Usual dose:** Adult: 250 to 500 mg PO two times per day. Peds: 7.5 mg/kg PO two times per day. See tables for **bacterial endocarditis prophylaxis** and ***H. pylori* treatment** (in GI section). ***Mycobacterium avium* complex disease prevention:** 7.5 mg/kg up to 500 mg PO two times per day. QT interval prolongation and established risk of torsades. Strong CYP3A4 inhibitor. [Generic only: Tabs 250, 500 mg. Extended-release tabs 500 mg. Susp 125, 250 mg/5 mL.] ▶KL ♂ ♀C D? \$\$\$

ERYTHROMYCIN BASE (Ery-Tab, PCE, *Eryc) Adult: 250 to 500 mg PO four times per day, 333 mg PO three times per day, or 500 mg PO two times per day. Peds: 30 to 50 mg/kg/day PO divided four times per day. QT interval prolongation and established risk of torsades; moderate CYP3A4 inhibitor. [Generic only: Tabs 250, 500 mg. Delayed-release caps 250 mg. Trade only: Delayed-release tabs (Ery-Tab, PCE) 250, 333, 500 mg.] ▶L ♀B D+ \$\$\$\$

ERYTHROMYCIN ETHYL SUCCINATE (EES, EryPed) Adult: 400 mg PO four times per day. Peds: 30 to 50 mg/kg/day PO divided four times per day. [Generic/Trade: Tabs 400 mg. Susp 200 mg/5 mL. Trade only: Susp 400 mg/5 mL.] ▶L ♀B D+ \$

ERYTHROMYCIN LACTOBIONATE (Erythrocin IV) Adult: 15 to 20 mg/kg/day (max 4 g) IV divided q 6 h. Peds: 15 to 50 mg/kg/day IV divided q 6 h. ▶L ♀B D+ \$\$\$\$

FIDAXOMICIN (Dificid) ***C. difficile*-associated diarrhea, age 18 yo or older** 200 mg PO two times per day for 10 days. See table for management of ***C. difficile* infection**. [Trade only: 200 mg tabs.] ▶Minimal absorption ♀B D? \$\$\$\$

Penicillins—1st Generation—Natural

BENZATHINE PENICILLIN (Bicillin L-A) **Usual dose:** 1.2 million units IM for adults and peds wt greater than 27 kg; 600,000 units IM for peds wt 27 kg or less. Give single dose for **group A streptococcal pharyngitis**. Give IM q month for **secondary prevention of rheumatic fever** (q 3 weeks for high-risk patients). See STD table for treatment of **syphilis** in adults. Dose lasts 2 to 4 weeks. Inject IM slowly (to prevent needle blockage) deep in upper outer quadrant of buttock or anterolateral thigh; consider midlateral aspect of thigh in infants and young children. [Trade only: For IM use, 600,000 units/mL; 1, 2, 4 mL syringes.] ▶K ♀B D+ \$\$\$ ■