

OMADACYCLINE (Nuzyra) **Community-acquired pneumonia, acute skin infections in adults.** Day 1: Load with single dose of 200 mg IV infused over 60 minutes or two doses of 100 mg IV infused over 30 minutes. Day 2: 100 mg IV infused over 30 minutes or 300 mg PO on an empty stomach once daily to complete 7 to 14 days. Acute skin infections, oral regimen. Days 1 and 2: Load with 450 mg PO once daily on empty stomach. Day 3: 300 mg PO once daily on empty stomach to complete 7 to 14 days. Tell patients to fast for 4 hours before a dose and (except for water) for 2 hours after a dose. Take with water. Avoid dairy products, antacids, or multivitamins for 4 hours after a dose. [Trade only: Tabs 150 mg.] Availability expected in first quarter of 2019. ▶Feces ♀X/X/X ▶? \$\$\$\$\$

SARECYCLINE (Seysara) **Acne,** age 9 yo or older: Take once daily with fluids at a dose of 60 mg for wt 33 to 54 kg, 100 mg for 55 to 84 kg, and 150 mg for 85 to 136 kg. [Trade only: Tabs 60, 100, 150 mg.] ▶K, Feces ♀X/X/X ▶

TETRACYCLINE Usual adult dose: 250 to 500 mg PO four times per day. [Generic only: Caps 250, 500 mg.] ▶LK ⊕ ♀D ▶+ short-term; – long-term \$\$\$\$\$

TIGECYCLINE (Tygacil) **Complicated skin infections, complicated intra-abdominal infections, community-acquired pneumonia:** 100 mg IV 1st dose, then 50 mg IV q 12 h. Infuse over 30 to 60 min. Mortality higher with tigecycline than comparators; do not use unless there are no alternatives. Not indicated for hospital-acquired or ventilator-associated pneumonia or diabetic foot infection. ▶K, Bile ♀D ▶? \$\$\$\$\$ ■

Other Antimicrobials

AZTREONAM (Azactam, Cayston) **Gram-negative infections:** Adults: 0.5 to 2 g IM/IV q 6 to 12 h. Peds: 30 mg/kg IV q 6 to 8 h. **Cystic fibrosis respiratory symptoms,** age 7 yo and older: 1 vial Cayston nebulized three times per day for 28 days, followed by cycle of 28 days off treatment. [Trade only (Cayston): 75 mg/vial with diluent for inhalation.] ▶K ⊕ ♀B ▶+ \$\$\$\$\$

BEZLOTOXUMAB (Zinplava) **To reduce C. difficile recurrence in high-risk adults receiving C. difficile antibiotic treatment:** Single dose of 10 mg/kg IV infused over 1 h. ▶proteolysis ♀?/?/? ▶? \$\$\$\$\$

CLINDAMYCIN (Cleocin, +Dalacin C) Usual adult dose: 150 to 450 mg PO four times per day. 600 to 900 mg IV q 8 h. **Community-acquired MRSA skin infections:** 300 to 450 mg PO three times per day for 5 to 10 days for adults; 10 to 13 mg/kg/dose PO q 6 to 8 h (max 40 mg/kg/day) for peds. Peds usual dose: 20 to 40 mg/kg/day IV divided q 6 to 8 h or give 8 to 25 mg/kg/day susp PO divided q 6 to 8 h. See tables for management of **anthrax**, and **acute sinusitis** and **otitis media** in children. [Generic/Trade: Caps 75, 150, 300 mg. Oral soln 75 mg/5 mL (100 mL).] ▶L ♀0/0/0 ▶+ \$\$\$ ■

DAPTOMYCIN (Cubicin, Cubicin RF) **Complicated skin infections** (including MRSA), age 1 yo to adult: Give IV once daily for up to 14 days at a dose of 4 mg/kg for adults; 5 mg/kg for 12 to 17 yo; 7 mg/kg for 7 to 11 yo; 9 mg/kg IV for 2 to 6 yo; 10 mg/kg for 1 to <2 yo. **S. aureus bacteremia,** age 1 yo to adult: Give IV once daily for up to 6 weeks at a dose of 6 mg/kg for adults; 7 mg/kg for 12 to 17 yo; 9 mg/kg for 7 to 11 yo; 12 mg/kg for 1 to 6 yo. Infuse over 30 min or inject over 2 min in adults; infuse over 30 min for age 7 to 17 yo; infuse over 60 min for age (cont.)