

1222 tigecycline

TREATMENT OF OVERDOSE:

Withdraw product, maintain airway, administer EPINEPHrine, O₂, IV corticosteroids for anaphylaxis

HIGH ALERT

RARELY USED

ticlopidine (Rx)

(tye-cloepi-deen)

Func. class.: Platelet aggregation inhibitor

Chem. class.: Thienopyridine compound

USES: Reducing the risk for stroke in high-risk patients

CONTRAINDICATIONS: Hypersensitivity, severe hepatic disease, active bleeding, coagulopathy

Black Box Warning: Agranulocytosis, neutropenia, thrombocytopenia, thrombotic thrombocytopenic purpura (TTP)

Black Box Warning: Anemia, hematologic disease

DOSAGE AND ROUTES

- **Adult:** PO 250 mg bid with food

tigecycline (Rx)

(tye-ge-sye'kleen)

Tygacil

Func. class.: Broad-spectrum anti-infective

Chem. class.: Glycylcyclines

ACTION: Inhibits protein synthesis and phosphorylation in microorganisms; bacteriostatic structurally similar to the tetracyclines

USES: Complicated skin/skin-structure infections (*Escherichia coli*, *Enterococcus*

faecalis [vancomycin-susceptible only], *Staphylococcus aureus*, *Streptococcus agalactiae*, *S. anginosus* group, *S. pyogenes*, *Bacteroides fragilis*); complicated intraabdominal infections (*Citrobacter freundii*, *Enterobacter cloacae*, *E. coli*, *Klebsiella oxytoca*, *K. pneumoniae*, *E. faecalis* [vancomycin-susceptible only], *S. aureus* [methicillin-susceptible only], *S. anginosus* group, *B. fragilis*, *Bacteroides thetaiotaomicron*, *B. uniformis*, *B. vulgatus*, *Clostridium perfringens*, *Peptostreptococcus micros*); community-acquired pneumonia

CONTRAINDICATIONS: Pregnancy, breastfeeding, children <18 yr, hypersensitivity to tigecycline

Precautions: Renal/hepatic disease, hypersensitivity to tetracyclines, ventilator-associated/hospital-acquired pneumonias

Black Box Warning: Infection

DOSAGE AND ROUTES

• **Adult:** IV 100 mg then 50 mg q12hr, IV INFUSION given over 30-60 min q12hr; given for 5-14 days, depending on infection

Hepatic dose

• **Adult:** IV (Child-Pugh C) 100 mg, then 25 mg q12hr

Available forms: Powder for inj, lyophilized 50 mg

Administer:

• Tigecycline allergy test before using; obtain C&S, do not begin treatment before results or if susceptible organism is strongly suspected

Intermittent IV INFUSION route

• Reconstitute each vial with 5.3 mL of 0.9% NaCl or D₅ (10 mg/mL); swirl to dissolve; immediately withdraw 5 mL of reconstituted sol and add to 100-mL IV bag for infusion (1 mg/mL); may be yellow or orange; if not, sol should be discarded; do not give if particulate matter is present, use a dedicated IV line or Y-site, flush with NS before and after use, give over 1/2 hr