Colistin (Colistimethate)

Colistin is a polymixin antibiotic. It has activity against susceptible *Acinetobacter* and *Pseudomonas* but no activity against *Proteus, Serratia, Providencia, Burkholderia*, Gram-negative cocci, Gram-positive organisms, or anaerobes.

**Acceptable uses**
- Management of infections due to multi-drug resistant *Acinetobacter* and *Pseudomonas* on a case-by-case basis. ID consult strongly advised.

**Unacceptable uses**
- Monotherapy for empiric treatment of suspected gram-negative infections
- Prophylactic therapy

**Dose**
5-15 mg/kg/day divided into 2-3 doses, adjust for renal function and dialysis (see Table)

**Toxicity**
- Renal impairment, neuromuscular blockade, neurotoxicity
- Monitor creatinine a minimum of twice weekly.