**Meropenem**

| Spectrum of Activity* | Broad spectrum:  
|                       | - Gram-positive and negative microorganisms  
|                       | - Anaerobes  
| Indications | • Treatment of documented or suspected infections resistant to piperacillin-tazobactam or third-generation cephalosporins  
|             | • Infections with ESBL or, AMP-C producing bacteria  
| Not indicated | *Stenotrophomonas*, MRSA, *Enterococcus* or VRE  
|             | Atypical infections like *Legionella*  
| Safety Considerations | *C. difficile* (medium risk)  
| Renal Dosing | Dose adjustments required in renal impairment  
| Other Considerations | Higher doses (2g IV q8h) should be used to treat CNS infections, cystic fibrosis infections, and endophthalmitis  