**Supplementary Table 1: Bioavailability of Oral Antibiotics**

|  |  |  |  |
| --- | --- | --- | --- |
| **Penicillins** | **Bioavailability** | **Protein binding** | **Urinary excretion** |
| Amoxicillin | 70-80% 9, 10 | 17-20% 9 | 60% 21 |
| Amoxicillin/clavulanate | 70-80% 9, 10 | 18-25% 9 | 25-40% 22 |
| **Cephalosporins** | |  |  |
| Cephalexin | 95% 11 | 10-19% 9 | 90% 9 |
| Cefadroxil | 90% 12 | 20% 12 | 90% 12 |
| Cefuroxime | 30-52% (increased with food) 13 | 33-50% 13 | 66-100% 13 |
| Cefpodoxime | 29-53% (increased with food) 9 | 18-30 9 | 29-33% 23 |
| Cefdinir | 21-25% 14 | 60-70% 14 | 12-18% 14 |
| **Fluoroquinolones** | |  |  |
| Ciprofloxacin | 70% 15 | 20-40% 15 | 35-70% 24 |
| Levofloxacin | 99% 16 | 24-38% 16 | 87% 25 |
| **Other** | |  |  |
| Sulfamethoxazole/trimethoprim | 100% 9 | SMX: 70% 9  TMP: 44% 9 | SMX: 84.5% 26  TMP: 66.8% 26 |

**Supplementary Table 2: Oral Antibiotic Dosing Reference for Renal Function (Creatinine Clearance)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Oral Antibiotic | ≥ 50 mL/min | 30-49 mL/min | 10-29 mL/min | < 10 mL/min or HD |
| Amoxicillin | 1000 mg TID | 1000 mg TID | 1000 mg BID | 1000 mg BID |
| Cephalexin | 1000 mg TID | 1000 mg TID | 1000 mg BID | 1000 mg BID |
| Ciprofloxacin | 500-750 mg BID | 500-750 mg BID | 500-750 mg daily | 500 mg daily |
| Levofloxacin | 500-750 mg daily | 750 mg x 1  then 500 mg q48h | 750 mg x 1  then 500 mg q48h | 500 mg q48h |
| TMP/SMX | 2 DS BID | 2 DS BID | 1-2 DS BID | 2 DS daily |