

### Supplementary Table: Antibiotic spectrum classification

Narrow-spectrum
First generation cephalosporins Second generation cephalosporins Tetracyclines Sulfonamides
Broad-spectrum
Fluoroquinolones Third generation cephalosporins $\beta$ -lactam/ $\beta$ -lactamase inhibitor combinations without anti-pseudomonal activity Aminoglycosides Macrolides
Extended-spectrum
Vancomycin Fourth generation cephalosporins $\beta$ -lactam/ $\beta$ -lactamase inhibitor combinations with anti-pseudomonal activity Ertapenem
Restricted
Antipseudomonal carbapenems Colistin Linezolid

**Supplementary Figure: Frequency of antibiotic prescriptions per patient**

