

**Anatomical Therapeutic Chemical (ATC) drug classification of antimicrobials used to treat patients with HAI at three academic hospitals in South Africa from 22 September 2021 – 05 January 2022**

<b>Anatomical Therapeutic Chemical (ATC) drug classification</b>	<b>HAI (N=887) n (%)</b>
Beta-lactamase sensitive Penicillin: Benzylpenicillin, Combinations of benzylpenicillin, procaine-benzylpenicillin	25 (2.8)
Aminoglycosides: Amikacin, Gentamicin, Tobramycin	113 (12.7)
Carbapenems: Ertapenem, Imipenem, Meropenem	256 (28.9)
Cephalosporins: cefalexin, cefazolin sodium, cefotaxime, ceftazidime, ceftriaxone, cefepime	26 (2.9)
Antifungals: Nystatin, Fluconazole, Voriconazole, amphotericin b	138 (15.6)
Combinations of Penicillin: beta-lactamase inhibitors - Amoxicillin-clavulanate	2 (0.2)
Penicillin with extended spectrum: Tazobactam	116 (13.1)
Sulphonamides and trimethoprim	30 (3.4)
Glycopeptide antibacterial: Vancomycin	81 (9.1)
Beta-lactamase-resistant Penicillin: Cloxacillin, Flucloxacillin	11 (1.2)
Linezolid	34 (3.8)
Polymyxins, Colistin	34 (3.8)
Fluroquinolones: Ciprofloxacin, Moxifloxacin, Levofloxacin	14 (1.6)
Anti-tuberculosis agents: combination therapy or prophylaxis	2 (0.2)
Other anti-bacterial: Macrolides, Lincosamides, Tetracycline, Thiocarbamide derivative	5 (0.6)

HAI = hospital-acquired infection