

Long Term Care 2022 ANTIBIOGRAM (% Susceptible <sup>a</sup> )		GRAM POSITIVE				GRAM NEGATIVE			
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa
<b>Number of Isolates</b>		213	151	71	155	398	85	155	110
Penicillins	Cloxacillin	69	100	R					
	Penicillin			R	92				
	Ampicillin/Amoxicillin			R	100	53	R	49	R
	Amoxicillin-Clavulanate	69	100	R		82	87	89	R
	Piperacillin-Tazobactam			R		95	92	99	85
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	69	100	R	R	76	82	95	R
	Cefazolin - 1st gen	69	100	R	R				R
	Cefuroxime - 2nd gen			R	R				R
	Cefixime - 3rd gen			R	R	77	84	97	R
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	79	85	99	R
	Ceftazidime - 3rd gen			R	R	83	86	99	89
Carbapenems	Ertapenem - restricted			R		100	100	100	R
	Imipenem - restricted			R					
	Meropenem - restricted			R		100	100	100	83
AMGs	Gentamicin					88	96	95	95
	Tobramycin					89	96	96	100
	Amikacin					100	100	100	100
FQs	Ciprofloxacin				45 <sup>f</sup>	55	82	61	87
	Levofloxacin	50	68	11	46 <sup>f</sup>				
	Moxifloxacin	50	68	13					
Miscellaneous	Erythromycin <sup>d</sup>	62	77	28	R				
	Clindamycin	72	81	49	R				
	Tetracycline <sup>e</sup>	87	87	85	26 <sup>f</sup>	75	88	R	R
	Linezolid - restricted	100	100	100	99				
	Nitrofurantoin-simple cystitis only <sup>f</sup>	94	90	100	99	97	38	R	R
	TMP-SMX or Cotrimoxazole	94	95	93	R	78	89	72	R
	Vancomycin	100	100	100	97				
	Fosfomycin <sup>f</sup>				100	98	85	90	

This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.

**R** = Intrinsically resistant

= Susceptibility not tested

**NOTES:**

a. This antibiogram includes only the first isolate of a specific organism from any patient.

b. These organisms carry an inducible β-lactamase and may develop resistance during prolonged therapy with 3rd generation cephalosporins.

c. Cephalexin susceptibility in gram-negatives is derived from urine isolates only and is predictive of cefazolin susceptibility.

d. Organisms susceptible to erythromycin are also susceptible to azithromycin/clarithromycin.

e. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.

f. From urinary tract isolates only.

g. Small number of isolates, interpret results with caution.

† Data based on meningitis breakpoints

‡ Data based on non-meningitis breakpoints

Developed by:  
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