

**Long Term Care**

**2021**  
**ANTIBIOGRAM**  
**(% Susceptible<sup>a</sup>)**

	Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa
<b>Number of Isolates</b>	234	163	79	135	417	88	142	113

		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa
Penicillins	Cloxacillin	68	99	R					
	Penicillin			R	91				
	Ampicillin/Amoxicillin			R	100	54	R	65	R
	Amoxicillin-Clavulanate	68	99	R		82	90	99	R
	Piperacillin-Tazobactam			R		95	95	100	86
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	68	99	R	R	76	86	97	R
	Cefazolin - 1st gen	68	99	R	R				R
	Cefuroxime - 2nd gen			R	R				
	Cefixime - 3rd gen			R	R	76	85	99	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	81	89	100	R
	Ceftazidime - 3rd gen			R	R	86	89	99	88
Carbapenems	Ertapenem - restricted			R		100	100	100	R
	Imipenem - restricted			R					
	Meropenem - restricted			R		100	100	100	88
AMGs	Gentamicin					91	95	95	97
	Tobramycin					91	95	97	100
	Amikacin					100	99	100	100
FQs	Ciprofloxacin				46 <sup>f</sup>	59	85	58	85
	Levofloxacin	50	67	11	46 <sup>f</sup>				
	Moxifloxacin	50	67	11					
Miscellaneous	Erythromycin <sup>d</sup>	58	71	31	R				
	Clindamycin	67	75	47	R				
	Tetracycline <sup>e</sup>	92	93	91	18 <sup>f</sup>	79	89	R	R
	Linezolid - restricted	100	100	100	98				
	Nitrofurantoin-simple cystitis only <sup>f</sup>	100	100	100	98	97	27	R	R
	TMP-SMX or Cotrimoxazole	92	94	90	R	78	90	69	R
	Vancomycin	100	100	100	98				
Fosfomycin <sup>f</sup>				67	99	87	91		

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

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