

RCH  2022 ANTIBIOGRAM Hospital-wide (% Susceptible <sup>a</sup> )		GRAM POSITIVE					GRAM NEGATIVE					This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.	
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae <sup>b</sup>	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group <sup>h</sup>		Pseudomonas aeruginosa
Number of Isolates		1123	882	260	303	133	111	1291	269	116	20	230	
Penicillins	Cloxacillin	78	100	R									
	Penicillin			R	94	3							
	Ampicillin/Amoxicillin			R	100	6	R	56	R	68	R	R	
	Amoxicillin-Clavulanate	78	100	R			R	82	88	96	R	R	
	Piperacillin-Tazobactam			R			72	95	93	100	70	90	
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	78	100	R	R	R	R	81	85	94	R	R	
	Cefazolin <sup>d</sup> - 1st gen	78	100	R	R	R	R	61	76	52	R	R	
	Cefuroxime - 2nd gen			R	R	R					R	R	
	Cefixime - 3rd gen			R	R	R	42	82	87	96	R	R	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	66	84	87	97	R	R	
	Ceftazidime - 3rd gen			R	R	R	69	87	89	99	90	89	
Carbapenems	Ertapenem - restricted			R			95	100	99	100	R	R	
	Imipenem - restricted			R									
	Meropenem - restricted			R			99	100	99	100	95	95	
AMGs	Gentamicin						98	93	98	92	95	97	
	Tobramycin						96	93	97	97	95	100	
	Amikacin						100	100	100	100		100	
FQs	Ciprofloxacin				72 <sup>g</sup>	2 <sup>g</sup>	95	68	81	88	90	87	
	Levofloxacin	79	92	41	73 <sup>g</sup>	3 <sup>g</sup>							
	Moxifloxacin	79	92	41									
Miscellaneous	Erythromycin <sup>e</sup>	70	80	35	R	R							
	Clindamycin	81	84	69	R	R							
	Tetracycline <sup>f</sup>	91	96	74	24 <sup>g</sup>	16 <sup>g</sup>	94	77	83	R	95 <sup>i</sup>	R	
	Linezolid - restricted	100	100	100	98	99							
	Nitrofurantoin-simple cystitis only <sup>g</sup>	100	100	100	100	26	68	98	36	R		R	
	TMP-SMX or Cotrimoxazole	90	94	77	R	R	93	80	88	84	95	R	
	Vancomycin	100	100	100	98	47							
	Fosfomycin <sup>g</sup>					70	56	99	90	100			

**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. Cefazolin susceptibility in gram-negatives is derived from nonurine isolates only and may underrepresent overall susceptibility.
- e. Organisms susceptible to erythromycin are also susceptible to azithromycin/clarithromycin.
- f. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.
- g. From urinary tract isolates only.
- h. Small number of isolates, interpret results with caution.
- i. Represents doxycycline/minocycline susceptibility

† Data based on meningitis breakpoints  
‡ Data based on non-meningitis breakpoints

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