

RCH  2019 and 2020 ANTIBIOGRAM ICU and HAU (% Susceptible <sup>a</sup> )		GRAM POSITIVE					GRAM NEGATIVE			
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae <sup>b,h</sup>	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa
<b>Number of Isolates</b>		197	165	33	41	34	28	85	58	37
Penicillins	Cloxacillin	83	99	R						
	Penicillin			R	95	3				
	Ampicillin/Amoxicillin			R	100	6	R	38	R	R
	Amoxicillin-Clavulanate	83	99	R			R	67	88	R
	Piperacillin-Tazobactam			R			57	82	90	81
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	83	99	R	R	R	R	61	100	R
	Cefazolin <sup>d</sup> - 1st gen	83	99	R	R	R	R	41	71	R
	Cefuroxime - 2nd gen			R	R	R				
	Cefixime - 3rd gen			R	R	R	36	69	86	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	46	72	88	R
	Ceftazidime - 3rd gen			R	R	R	50	75	86	73
Carbapenems	Ertapenem - restricted			R			86	99	100	R
	Imipenem - restricted			R						
	Meropenem - restricted			R			100	100	100	92
AMGs	Gentamicin						93	89	97	92
	Tobramycin						96	91	98	100
	Amikacin						100	100	100	97
FQs	Ciprofloxacin				75 <sup>g</sup>	0 <sup>g</sup>	96	62	81	78
	Levofloxacin	83	95	27	75 <sup>g</sup>	0 <sup>g</sup>				
	Moxifloxacin	83	95	27						
Miscellaneous	Erythromycin <sup>e</sup>	76	86	24	R	R				
	Clindamycin	84	89	58	R	R				
	Tetracycline <sup>f</sup>	94	96	85	38 <sup>g</sup>	55 <sup>g</sup>	82	68	79	R
	Linezolid - restricted	100	100	100	95	100				
	Nitrofurantoin-simple cystitis only <sup>g</sup>	100	100		100	0		93	22	
	TMP-SMX or Cotrimoxazole	96	98	88	R	R	93	75	88	R
	Vancomycin	100	100	100	93	29				
Fosfomycin <sup>g</sup>					80		100	100		

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.** 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.

† Data based on meningitis breakpoints

‡ Data based on non-meningitis breakpoints

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