

ARH  2021 and 2022 ANTIBIOGRAM ICU and HAU (% Susceptible <sup>a</sup> )		GRAM POSITIVE					GRAM NEGATIVE			
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis <sup>h</sup>	Enterococcus faecium <sup>h</sup>	Enterobacter cloacae <sup>b,h</sup>	Escherichia coli	Klebsiella pneumoniae <sup>h</sup>	Pseudomonas aeruginosa
<b>Number of Isolates</b>		123	92	32	21	26	15	57	23	35
Penicillins	Cloxacillin	75	100	R						
	Penicillin			R	95	0				
	Ampicillin/Amoxicillin			R	100	4	R	46	R	R
	Amoxicillin-Clavulanate	75	100	R			R	70	87	R
	Piperacillin-Tazobactam			R			40	89	90	89
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	75	100	R	R	R	R	88	100	R
	Cefazolin <sup>d</sup> - 1st gen	75	100	R	R	R	R	50	59	R
	Cefuroxime - 2nd gen			R	R	R				R
	Cefixime - 3rd gen			R	R	R	33	74	78	R
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	40	75	83	R
	Ceftazidime - 3rd gen			R	R	R	40	77	91	91
Carbapenems	Ertapenem - restricted			R			80	98	100	R
	Imipenem - restricted			R						
	Meropenem - restricted			R			93	100	100	83
AMGs	Gentamicin						100	81	91	97
	Tobramycin						100	84	100	100
	Amikacin						100	100	100	100
FQs	Ciprofloxacin				75 <sup>g</sup>	8 <sup>g</sup>	100	61	65	89
	Levofloxacin	77	90	38	75 <sup>g</sup>	8 <sup>g</sup>				
	Moxifloxacin	77	90	38						
Miscellaneous	Erythromycin <sup>e</sup>	60	71	28	R	R				
	Clindamycin	68	73	53	R	R				
	Tetracycline <sup>f</sup>	95	99	84	25 <sup>g</sup>	15 <sup>g</sup>	93	72	78	R
	Linezolid - restricted	100	100	100	100	96				
	Nitrofurantoin-simple cystitis only <sup>g</sup>	100	100	100	100	8	100	96	17	R
	TMP-SMX or Cotrimoxazole	89	88	91	R	R	87	75	87	R
	Vancomycin	100	100	100	100	54				
	Fosfomycin <sup>g</sup>					50	50	100	83	

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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