

ARH  2019 and 2020 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 <sup>h</sup>
Number of Isolates		126	92	36	22	17	17	57	28	26
Penicillins	Cloxacillin	73	100	R						
	Penicillin			R	95	6				
	Ampicillin/Amoxicillin			R	100	6	R	44	R	R
	Amoxicillin-Clavulanate	73	100	R			R	74	64	R
	Piperacillin-Tazobactam			R			71	89	75	85
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	73	100	R	R	R	R	69	60	R
	Cefazolin <sup>d</sup> - 1st gen	73	100	R	R	R	R	28	57	R
	Cefuroxime - 2nd gen			R	R	R				
	Cefixime - 3rd gen			R	R	R	41	65	71	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	53	67	71	R
	Ceftazidime - 3rd gen			R	R	R	65	71	68	88
Carbapenems	Ertapenem - restricted			R			88	100	96	R
	Imipenem - restricted	0		R						
	Meropenem - restricted	0		R			100	100	93	81
AMGs	Gentamicin						100	86	89	96
	Tobramycin						100	84	86	100
	Amikacin						100	100	96	100
FQs	Ciprofloxacin				57 <sup>g</sup>	0 <sup>g</sup>	100	53	79	69
	Levofloxacin	61	80	11	57 <sup>g</sup>	0 <sup>g</sup>				
	Moxifloxacin	62	80	14						
Miscellaneous	Erythromycin <sup>e</sup>	63	83	11	R	R				
	Clindamycin	71	85	36	R	R				
	Tetracycline <sup>f</sup>	96	98	92	0 <sup>g</sup>	29 <sup>g</sup>	93	61	67	R
	Linezolid - restricted	100	100	100	91	100				
	Nitrofurantoin-simple cystitis only <sup>g</sup>	100		100	100	0	50	92	40	
	TMP-SMX or Cotrimoxazole	90	92	86	R	R	88	72	82	R
	Vancomycin	100	100	100	100	53				
Fosfomycin <sup>g</sup>					25	100	96	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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