

ARH 2020 ANTIBIOGRAM Hospital-wide (% Susceptible ^a)		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 ^b	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group ^h		Pseudomonas aeruginosa
Number of Isolates		772	539	257	283	95	102	1281	226	102	8	195	
Penicillins	Cloxacillin	69	100	R									
	Penicillin			R	96	6							
	Ampicillin/Amoxicillin			R	100	9	R	54	R	66	R	R	
	Amoxicillin-Clavulanate	69	100	R			R	83	89	97	R	R	
	Piperacillin-Tazobactam			R			74	95	96	99	100	88	
Cephalosporins	Cephalexin ^c - 1st gen	69	100	R	R	R	R	80	98	90	R	R	
	Cefazolin ^d - 1st gen	69	100	R	R	R	R	27	55	40	R	R	
	Cefuroxime - 2nd gen			R	R	R							
	Cefixime - 3rd gen			R	R	R	38	81	90	95			
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	64	83	91	96	R	R	
	Ceftazidime - 3rd gen			R	R	R	67	86	91	96	100	91	
Carbapenems	Ertapenem - restricted			R			93	100	98	100	R	R	
	Imipenem - restricted			R									
	Meropenem - restricted			R			99	100	99	100	100	91	
AMGs	Gentamicin						99	91	96	90	100	95	
	Tobramycin						99	92	95	90	100	99	
	Amikacin						100	100	99	98		99	
FQs	Ciprofloxacin				53 ^g	7 ^g	96	59	86	82	100	90	
	Levofloxacin	65	86	20	57 ^g	7 ^g							
	Moxifloxacin	65	86	21									
Miscellaneous	Erythromycin ^e	60	76	25	R	R							
	Clindamycin	75	81	61	R	R							
	Tetracycline ^f	92	95	86	7 ^g	36 ^g	93	74	86	R	100	R	
	Linezolid - restricted	100	100	100	89	91							
	Nitrofurantoin-simple cystitis only ^g	100	100	100	96	7	56	95	44	R			
	TMP-SMX or Cotrimoxazole	88	92	80	R	R	96	77	91	80	100	R	
	Vancomycin	100	100	100	98	49							
	Fosfomycin ^g					67	33	99	93	79			

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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