

SMH 2022 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		1375	1000	410	463	205	153	2061	353	152	23	351	
Penicillins	Cloxacillin	72	100	R									
	Penicillin			R	94	5							
	Ampicillin/Amoxicillin			R	100	9	R	51	R	59	R	R	
	Amoxicillin-Clavulanate	72	100	R			R	81	86	94	R	R	
	Piperacillin-Tazobactam			R			67	95	92	99	61	87	
Cephalosporins	Cephalexin ^c - 1st gen	72	100	R	R	R	R	78	86	92	R	R	
	Cefazolin ^d - 1st gen	72	100	R	R	R	R	49	79	55	R	R	
	Cefuroxime - 2nd gen			R	R	R					R	R	
	Cefixime - 3rd gen			R	R	R	42	77	88	96	R	R	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	61	80	88	97	R	R	
	Ceftazidime - 3rd gen			R	R	R	67	84	88	97	74	88	
Carbapenems	Ertapenem - restricted			R			90	100	98	100	R	R	
	Imipenem - restricted			R									
	Meropenem - restricted			R			98	100	98	100	96	90	
AMGs	Gentamicin						95	89	95	89	96	97	
	Tobramycin						94	89	93	91	96	99	
	Amikacin						100	100	99	99		98	
FQs	Ciprofloxacin				70 ^g	3 ^g	92	56	81	79	96	84	
	Levofloxacin	69	81	41	71 ^g	3 ^g							
	Moxifloxacin	69	81	41									
Miscellaneous	Erythromycin ^e	66	74	45	R	R							
	Clindamycin	80	82	75	R	R							
	Tetracycline ^f	89	94	72	22 ^g	20 ^g	88	72	86	R	83 ⁱ	R	
	Linezolid - restricted	100	100	100	98	99							
	Nitrofurantoin-simple cystitis only ^g	97	97	100	100	24	66	98	39	R		R	
	TMP-SMX or Cotrimoxazole	83	87	72	R	R	92	76	86	75	96	R	
	Vancomycin	100	100	100	100	44							
	Fosfomycin ^g					68	62	99	87	92			

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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