

SMH

**2020 and 2021
ANTIBIOGRAM
ICU and HAU
(% Susceptible^a)**

GRAM POSITIVE					GRAM NEGATIVE				
Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa	

This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.

R = Intrinsically resistant
 = Susceptibility not tested

Number of Isolates	188	142	49	48	56	40	133	61	71
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		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa
Penicillins	Cloxacillin	75	100	R						
	Penicillin			R	92	5				
	Ampicillin/Amoxicillin			R	100	5	R	34	R	R
	Amoxicillin-Clavulanate	75	100	R			R	71	70	R
	Piperacillin-Tazobactam			R			45	84	79	77
Cephalosporins	Cephalexin ^c - 1st gen	75	100	R	R	R	R	53	50	R
	Cefazolin ^d - 1st gen	75	100	R	R	R	R	38	65	R
	Cefuroxime - 2nd gen			R	R	R				
	Cefixime - 3rd gen			R	R	R	26	55	67	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	42	61	72	R
	Ceftazidime - 3rd gen			R	R	R	45	66	71	86
Carbapenems	Ertapenem - restricted			R			87	98	86	R
	Imipenem - restricted			R						
	Meropenem - restricted			R			95	98	86	80
AMGs	Gentamicin						95	85	82	96
	Tobramycin						95	84	78	99
	Amikacin						97	100	90	99
FQs	Ciprofloxacin				60 ^g	7 ^g	90	44	66	80
	Levofloxacin	67	80	27	63 ^g	7 ^g				
	Moxifloxacin	67	80	27						
Miscellaneous	Erythromycin ^e	64	77	29	R	R				
	Clindamycin	76	82	61	R	R				
	Tetracycline ^f	94	97	84	10 ^g	26 ^g	80	71	70	R
	Linezolid - restricted	100	100	100	93	96				
	Nitrofurantoin-simple cystitis only ^g	100	100	100	100	22	25	92	30	R
	TMP-SMX or Cotrimoxazole	87	91	76	R	R	98	64	75	R
	Vancomycin	100	100	100	98	36				
Fosfomycin ^g					94	75	95	90		

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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