

RCH 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	204	170	35	45	34	30	92	60	50
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		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa
Penicillins	Cloxacillin	83	100	R						
	Penicillin			R	96	0				
	Ampicillin/Amoxicillin			R	100	6	R	34	R	R
	Amoxicillin-Clavulanate	83	100	R			R	67	88	R
	Piperacillin-Tazobactam			R			53	87	90	80
Cephalosporins	Cephalexin ^c - 1st gen	83	100	R	R	R	R	66	77	R
	Cefazolin ^d - 1st gen	83	100	R	R	R	R	36	62	R
	Cefuroxime - 2nd gen			R	R	R				
	Cefixime - 3rd gen			R	R	R	33	61	80	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	50	66	83	R
	Ceftazidime - 3rd gen			R	R	R	50	72	83	78
Carbapenems	Ertapenem - restricted			R			83	99	97	R
	Imipenem - restricted			R						
	Meropenem - restricted			R			97	100	98	88
AMGs	Gentamicin						93	85	97	96
	Tobramycin						100	85	98	100
	Amikacin						100	100	100	98
FQs	Ciprofloxacin				75 ^g	0 ^g	93	52	73	84
	Levofloxacin	84	93	35	75 ^g	0 ^g				
	Moxifloxacin	84	93	35						
Miscellaneous	Erythromycin ^e	70	78	29	R	R				
	Clindamycin	79	82	63	R	R				
	Tetracycline ^f	97	98	89	25 ^g	5 ^g	77	70	73	R
	Linezolid - restricted	100	100	100	98	100				
	Nitrofurantoin-simple cystitis only ^g	100	100	100	100	11	75	98	23	R
	TMP-SMX or Cotrimoxazole	95	97	83	R	R	90	75	88	R
	Vancomycin	100	100	100	96	26				
Fosfomycin ^g					100	75	100	92		

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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