

RCH 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		980	744	246	260	135	108	1078	188	86	22	172	<div style="border: 1px solid black; display: inline-block; width: 15px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> = Intrinsically resistant <div style="border: 1px solid black; display: inline-block; width: 15px; height: 15px; background-color: #ffffff; margin-right: 5px; margin-left: 10px;"></div> = Susceptibility not tested
Penicillins	Cloxacillin	75	100	R									
	Penicillin			R	93	4							
	Ampicillin/Amoxicillin			R	100	6	R	52	R	67	R	R	
	Amoxicillin-Clavulanate	75	100	R			R	81	90	96	R	R	
	Piperacillin-Tazobactam			R			68	95	90	99	86	87	
Cephalosporins	Cephalexin ^c - 1st gen	75	100	R	R	R	R	79	77	100	R	R	
	Cefazolin ^d - 1st gen	75	100	R	R	R	R	39	71	40	R	R	
	Cefuroxime - 2nd gen			R	R	R							
	Cefixime - 3rd gen			R	R	R	32	83	86	97			
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	60	85	87	98	R	R	
	Ceftazidime - 3rd gen			R	R	R	65	89	88	99	81	92	
Carbapenems	Ertapenem - restricted			R			92	100	98	100	R	R	
	Imipenem - restricted			R									
	Meropenem - restricted			R			100	100	98	100	100	91	
AMGs	Gentamicin						98	92	94	91	95	97	
	Tobramycin						99	94	96	95	100	99	
	Amikacin						100	100	99	100		99	
FQs	Ciprofloxacin				72 ^g	0 ^g	97	63	79	92	100	85	
	Levofloxacin	74	93	25	72 ^g	0 ^g							
	Moxifloxacin	74	93	26									
Miscellaneous	Erythromycin ^e	66	79	26	R	R							
	Clindamycin	78	83	65	R	R							
	Tetracycline ^f	93	97	80	13 ^g	33 ^g	93	74	83	R	91	R	
	Linezolid - restricted	100	100	100	91	99							
	Nitrofurantoin-simple cystitis only ^g	100	100	100	100	4	62	97	40	R			
	TMP-SMX or Cotrimoxazole	92	95	82	R	R	94	76	87	81	100	R	
	Vancomycin	100	100	100	97	43							
	Fosfomycin ^g					100	50	100	93	100			

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

Developed by:
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