

RCH  
2021  
ANTIBIOGRAM  
Hospital-wide  
(% Susceptible<sup>a</sup>)

GRAM POSITIVE

GRAM NEGATIVE

Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae <sup>b</sup>	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group <sup>h</sup>	Pseudomonas aeruginosa
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This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.

**R** = Intrinsically resistant

= Susceptibility not tested

<b>Number of Isolates</b>	<b>1196</b>	<b>933</b>	<b>280</b>	<b>299</b>	<b>140</b>	<b>117</b>	<b>1214</b>	<b>228</b>	<b>111</b>	<b>23</b>	<b>213</b>
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		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae <sup>b</sup>	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group <sup>h</sup>	Pseudomonas aeruginosa
Penicillins	Cloxacillin	77	100	R								
	Penicillin			R	96	7						
	Ampicillin/Amoxicillin			R	100	10	R	56	R	61	R	R
	Amoxicillin-Clavulanate	77	100	R			R	83	96	95	R	R
	Piperacillin-Tazobactam			R			73	95	97	100	81	87
Cephalosporins	Cephalexin <sup>c</sup> - 1st gen	77	100	R	R	R	R	84	91	93	R	R
	Cefazolin <sup>d</sup> - 1st gen	77	100	R	R	R	R	57	77	34	R	R
	Cefuroxime - 2nd gen			R	R	R						
	Cefixime - 3rd gen			R	R	R	33	84	92	95		
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	62	86	93	97	R	R
	Ceftazidime - 3rd gen			R	R	R	69	89	93	100	86	85
Carbapenems	Ertapenem - restricted			R			92	100	99	100	R	R
	Imipenem - restricted			R								
	Meropenem - restricted			R			97	100	99	100	100	91
AMGs	Gentamicin						96	92	97	97	96	97
	Tobramycin						97	93	97	95	100	99
	Amikacin						99	100	100	99		98
FQs	Ciprofloxacin				78 <sup>g</sup>	5 <sup>g</sup>	93	67	86	87	91	85
	Levofloxacin	76	90	35	78 <sup>g</sup>	5 <sup>g</sup>						
	Moxifloxacin	76	90	36								
Miscellaneous	Erythromycin <sup>e</sup>	66	75	36	R	R						
	Clindamycin	79	81	73	R	R						
	Tetracycline <sup>f</sup>	93	96	79	25 <sup>g</sup>	14 <sup>g</sup>	86	77	82	R	90	R
	Linezolid - restricted	100	100	100	99	99						
	Nitrofurantoin-simple cystitis only <sup>g</sup>	100	100	100	99	19	50	97	34	R		R
	TMP-SMX or Cotrimoxazole	90	94	78	R	R	90	81	93	78	91	R
	Vancomycin	100	100	100	100	46						
	Fosfomycin <sup>g</sup>					80	74	99	91	91		

**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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