

ARH
2021
ANTIBIOGRAM
Hospital-wide
(% Susceptible^a)

GRAM POSITIVE

GRAM NEGATIVE

Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group ^h	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

Number of Isolates	820	613	222	293	92	91	1463	230	103	9	191
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		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Acinetobacter baumannii group ^h	Pseudomonas aeruginosa
Penicillins	Cloxacillin	75	100	R								
	Penicillin			R	96	8						
	Ampicillin/Amoxicillin			R	100	9	R	56	R	80	R	R
	Amoxicillin-Clavulanate	75	100	R			R	83	90	98	R	R
	Piperacillin-Tazobactam			R			63	95	96	99	56	86
Cephalosporins	Cephalexin ^c - 1st gen	75	100	R	R	R	R	79	90	97	R	R
	Cefazolin ^d - 1st gen	75	100	R	R	R	R	56	78	63	R	R
	Cefuroxime - 2nd gen			R	R	R						
	Cefixime - 3rd gen			R	R	R	31	80	90	97		
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	55	83	90	97	R	R
	Ceftazidime - 3rd gen			R	R	R	64	86	91	98	67	90
Carbapenems	Ertapenem - restricted			R			91	100	99	100	R	R
	Imipenem - restricted			R								
	Meropenem - restricted			R			100	100	100	100	100	93
AMGs	Gentamicin						97	91	95	95	100	97
	Tobramycin						97	91	94	95	100	100
	Amikacin						100	100	100	98		100
FQs	Ciprofloxacin				66 ^g	8 ^g	93	62	86	86	100	89
	Levofloxacin	69	85	22	67 ^g	8 ^g						
	Moxifloxacin	69	86	22								
Miscellaneous	Erythromycin ^e	65	76	31	R	R						
	Clindamycin	78	81	70	R	R						
	Tetracycline ^f	94	96	88	19 ^g	23 ^g	90	78	86	R	100	R
	Linezolid - restricted	100	100	100	98	93						
	Nitrofurantoin-simple cystitis only ^g	95	95	96	100	22	61	96	36	R		R
	TMP-SMX or Cotrimoxazole	87	90	80	R	R	90	79	90	85	100	R
	Vancomycin	100	100	100	98	61						
	Fosfomycin ^g					66	71	99	87	94		

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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