

SMH site 2018 ANTIBIOGRAM Inpatient (non-ICU and HAU) (% Susceptible ^a)		GRAM POSITIVE			GRAM NEGATIVE			
		<i>Staphylococcus aureus</i> (MSSA + MRSA)	<i>MRSA</i> (Methicillin Resistant <i>Staph. aureus</i>)	<i>MSSA</i> (Methicillin Susceptible <i>Staph. aureus</i>)	<i>Enterobacter cloacae</i> ^b	<i>Escherichia coli</i>	<i>Klebsiella pneumoniae</i>	<i>Pseudomonas aeruginosa</i>
Number of Isolates		492	171	321	41	662	156	133
Penicillins	Cloxacillin	65	R	100	R	R	R	R
	Penicillin (IV)	N	R	N	R	R	R	R
	Penicillin (Oral)							
	Ampicillin/Amoxicillin	N	R	N	R	35	R	R
	Amoxicillin-Clavulanate		R		R	77	91	R
	Piperacillin-Tazobactam		R		N	92	93	87
Cephalosporins	Cephalexin - 1st gen	65	R	100	R	43 ^c	80 ^c	R
	Cefazolin - 1st gen	65	R	100	R	63	85	R
	Cefuroxime - 2nd gen				R			R
	Cefixime - 3rd gen		R		N	73	89	R
	Cefotaxime / Ceftriaxone - 3rd gen		R		N	75	89	R
	Ceftazidime - 3rd gen		R		N			89
Carbapenems	Ertapenem - restricted		R		90	99	97	R
	Imipenem - restricted		R					86
	Meropenem - restricted		R		98	99	99	89
AMGs	Gentamicin	N	N	N	93	89	94	94
	Tobramycin	N	N	N	93	86	92	99
	Amikacin	N	N	N	98	99	98	98
FQs	Ciprofloxacin	N	N	N	95	62	89	89
	Levofloxacin							
	Moxifloxacin	N	N	N	N	N	N	N
Miscellaneous	Erythromycin ^d	60	25	78	R	R	R	R
	Clindamycin	74	55	85	R	R	R	R
	Tetracycline ^e	92	83	97				R
	Linezolid - restricted	100	100		R	R	R	R
	Metronidazole	R	R	R	R	R	R	R
	Nitrofurantoin-simple cystitis only ^c	99	99	100	46	93	23	R
	TMP-SMX or Cotrimoxazole	88	87	89	88	74	87	R
	Vancomycin	100	100	100	R	R	R	R

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

KEY

- R = Intrinsically resistant
- = Susceptibility not tested
- N = Not recommended

NOTES:

a. This antibiogram includes only the first isolate of a specific organism from any patient.

b. *Enterobacter* carries inducible cephalosporinases (AmpC) that cause *in-vivo* resistance to 3rd generation cephalosporins.

c. For urinary tract isolates only.

d. Susceptibility to erythromycin for these organisms is the same as for azithromycin/ clarithromycin.

e. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.

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