

SMH site 2017 and 2018 ANTIBIOGRAM 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		218	80	138	32	150	56	84
Penicillins	Cloxacillin	63	R	100	R	R	R	R
	Penicillin (IV)	N	R	N	R	R	R	R
	Penicillin (Oral)							
	Ampicillin/Amoxicillin	N	R	N	R	23	R	R
	Amoxicillin-Clavulanate		R		R	65	82	R
	Piperacillin-Tazobactam		R		N	83	82	85
Cephalosporins	Cephalexin - 1st gen	63	R	100	R	29 ^c	73 ^c	R
	Cefazolin - 1st gen	63	R	100	R	48	73	R
	Cefuroxime - 2nd gen				R			R
	Cefixime - 3rd gen		R		N	57	84	R
	Cefotaxime / Ceftriaxone - 3rd gen		R		N	61	82	R
	Ceftazidime - 3rd gen		R		N			87
Carbapenems	Ertapenem - restricted		R		96	99	94	R
	Imipenem - restricted		R					77
	Meropenem - restricted		R		94	99	93	76
AMGs	Gentamicin	N	N	N	100	87	91	85
	Tobramycin	N	N	N	100	82	91	99
	Amikacin	N	N	N	100	99	95	92
FQs	Ciprofloxacin	N	N	N	97	50	88	73
	Levofloxacin							
	Moxifloxacin	N	N	N	N	N	N	N
Miscellaneous	Erythromycin ^d	59	19	83	R	R	R	R
	Clindamycin	75	50	89	R	R	R	R
	Tetracycline ^e	97	94	99				R
	Linezolid - restricted	100	100		R	R	R	R
	Metronidazole	R	R	R	R	R	R	R
	Nitrofurantoin-simple cystitis only ^c	100	100	99	50	94	34	R
	TMP-SMX or Cotrimoxazole	89	93	86	100	70	88	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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