

RCH 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		222	55	167	20	100	62	50
Penicillins	Cloxacillin	75	R	100	R	R	R	R
	Penicillin (IV)	N	R	N	R	R	R	R
	Penicillin (Oral)							
	Ampicillin/Amoxicillin	N	R	N	R	28	R	R
	Amoxicillin-Clavulanate		R		R	67	89	R
	Piperacillin-Tazobactam		R		N	88	94	82
Cephalosporins	Cephalexin - 1st gen	75	R	100	R	31 ^c	82 ^c	R
	Cefazolin - 1st gen	75	R	100	R	55	84	R
	Cefuroxime - 2nd gen				R			R
	Cefixime - 3rd gen		R		N	68	89	R
	Cefotaxime / Ceftriaxone - 3rd gen		R		N	71	89	R
	Ceftazidime - 3rd gen		R		N			82
Carbapenems	Ertapenem - restricted		R		99	99	99	R
	Imipenem - restricted		R					86
	Meropenem - restricted		R		95	99	99	84
AMGs	Gentamicin	N	N	N	95	85	95	94
	Tobramycin	N	N	N	95	83	94	98
	Amikacin	N	N	N	100	100	100	96
FQs	Ciprofloxacin	N	N	N	95	60	95	82
	Levofloxacin							
	Moxifloxacin	N	N	N	N	N	N	N
Miscellaneous	Erythromycin ^d	62	16	77	R	R	R	R
	Clindamycin	74	55	81	R	R	R	R
	Tetracycline ^e	96	95	96				R
	Linezolid - restricted	100	100		R	R	R	R
	Metronidazole	R	R	R	R	R	R	R
	Nitrofurantoin-simple cystitis only ^c	99	100	99	45	95	31	R
	TMP-SMX or Cotrimoxazole	93	89	95	85	65	81	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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