

ARH site  2016 ANTIBIOGRAM Hospital-wide (% Susceptible <sup>a</sup> )		GRAM POSITIVE														GRAM NEGATIVE														ANO <sub>2</sub>	This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.
		Coagulase Negative Staphylococcus	Enterococcus faecalis	Enterococcus faecium	Staphylococcus aureus (MSSA + MRSA)	MRSA (Methicillin Resistant Staph. aureus)	MSSA (Methicillin Susceptible Staph. aureus)	Staphylococcus lugdunensis	Streptococcus agalactiae (Group B)	Streptococcus anginosus group <sup>9</sup>	Streptococcus pneumoniae	Streptococcus pyogenes (Group A)	Viridans group Streptococcus <sup>3,1</sup>	Acinetobacter baumannii <sup>9</sup>	Citrobacter freundii <sup>b,1</sup>	Enterobacter aerogenes <sup>b,9</sup>	Enterobacter cloacae <sup>b</sup>	Escherichia coli	Haemophilus influenzae <sup>9</sup>	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii <sup>9</sup>	Proteus mirabilis	Proteus vulgaris <sup>b,9</sup>	Providencia species <sup>b,9</sup>	Pseudomonas aeruginosa	Salmonella species <sup>9</sup>	Serratia marcescens <sup>b,1</sup>	Stenotrophomonas maltophilia <sup>d</sup>		
Number of Isolates		69	287	90	760	234	526	60	163	226	39	56	151	121	26	230	60	1453	560	48	231	238	74	53	47	148	213	29	24	79	<b>KEY</b> = Intrinsically resistant = Susceptibility not tested = Not recommended = Synergy with ampicillins or vancomycin
Penicillins		Cloxacillin	R	R	69	R	100	92			N	N		R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	R	
Cephalosporins		Penicillin (IV)	N		N	R	N		100	100	100	100	85	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R	
Carbapenems		Penicillin (Oral)									85																				
AMGs		Ampicillin/Amoxicillin	N	100	11	N	R	N	100	100	100	100	87	R	R	R	R	39	75	R	R	R	61	R	R	R	92	R	R	R	
FOs		Amoxicillin-Clavulanate				R								R	R	R	R	84	100	94	92	R	93	R	R	R		R	R	R	
Miscellaneous		Piperacillin-Tazobactam				R								N	N	N	N	95		94	91		99		N	91		N	R	96	
		Cephalexin - 1st gen	44	R	R	69	R	100	92		N	100		R	R	R	R	48	N	31	81	R	64	R	R	R		R	R	R	
		Cefazolin <sup>c</sup> - 1st gen	44	R	R	69	R	100	92		N	100		R	R	R	R	75	N	29	82	R	65	R	R	R		R	R	R	
		Cefuroxime - 2nd gen		R	R					100				R	R	R	R		100			R		R		R		R	R	R	
		Cefixime - 3rd gen		R	R		R				N			N	N	N	N	84		98	88	N	92	N	N	R		N	R	R	
		Cefotaxime / Ceftriaxone - 3rd gen		R	R		R		100	100	100	100	99		N	N	N	N	86	100	94	89	N	93	N	N	R	99	N	R	R
		Ceftazidime - 3rd gen		R	R		R				N	N			N	N	N					N	N	N	93		N			R	
		Ertapenem - restricted		R	R		R							R	99	99	95	99		99	99	99	99	99	99	R		99	R		
		Imipenem - restricted			N		R																			89			R	99	
		Meropenem - restricted		N	N		R							99	99	99	97	99		99	99	99	99	99	99	89		99	R	96	
		Gentamicin	N			N	N	N			R	R	N	98	100	100	95	90	N	100	95	85	95	98	60	95		100	R	R	
		Tobramycin	N	R	R	N	N	N			R	R	N	100	92	97	97	89	N	100	91	90	93	100	60	97		90	R	R	
		Amikacin	N	R	R	N	N	N			R	R	N	100	100	100	98	100	N	100	100	100	99	100	100	98		100	R	R	
		Ciprofloxacin	N	63 <sup>f</sup>	7 <sup>f</sup>	N	N	N			N	N		99	92	95	97	73	100	100	91	81	95	96	98	90	88	100	R	R	
		Levofloxacin		64 <sup>f</sup>	8 <sup>f</sup>				100		100								100											79	
		Moxifloxacin	N	N	N	N	N	N			100			N	N	N	N	N	100	N	N	N	N	N	N	N	N	N	N	N	R
		Erythromycin <sup>h</sup>	49			56	7	78	75	59		69	80	R	R	R	R	R		R	R	R	R	R	R	R		R	R	R	
		Clindamycin	67	R	R	76	56	85	75	59	85	85	80	100	R	R	R	R	R	R	R	R	R	R	R	R		R	R	64	
		Doxycycline	96	21 <sup>f</sup>	26 <sup>f</sup>	96	92	98			80											R	R	R	R	R				100 <sup>d</sup>	
		Linezolid - restricted	100	98	100	100	100							R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	R	
		Metronidazole	R	R	R	R	R				R	R		R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	100	
		Nitrofurantoin-simple cystitis only <sup>f</sup>	99	100	27	99	100	98			R	N		R	92	14	38	95	R	90	36	R	R	R	R		R	R	R		
		TMP-SMX or Cotrimoxazole	75	R	R	92	94	91	98					98	77	96	92	75		96	91	76	81	93	94	R	100	100	100	R	
		Vancomycin	100	99	47	100 <sup>d</sup>	100 <sup>d</sup>	100 <sup>d</sup>	100	100	100	100	100	100	R	R	R	R	R	R	R	R	R	R	R	R		R	R	R	

**NOTES:**  
a. This antibiogram includes only the first isolate of a specific organism from any patient.  
b. *Serratia*, *Providencia*, *Morganella*, *Citrobacter freundii*, *Enterobacter*, and *P. vulgaris* carry inducible cephalosporinases (AmpC) that cause *in-vivo* resistance to 3rd generation cephalosporins.  
c. Interpretation based on dose of cefazolin 2g IV q8h.  
d. Susceptibility for *S. maltophilia* represents minocycline.  
e. Some *S. aureus* isolates with an MIC of 2 will be interpreted as susceptible but may result in clinical failure.  
f. For urinary tract isolates only.  
g. Combined from all FHA sites.  
h. Susceptibility to erythromycin for these organisms is the same as for azithromycin/ clarithromycin.  
i. Excluding *Streptococcus anginosus* group.  
j. Calculated from fewer than the standard recommendation of a minimum of 30 isolates.