

CGH, DH, ERH, FCH, JPOCSC, LMH, MMH, PAH, RMH  2016 ANTIBIOGRAM Hospital-wide (% Susceptible <sup>a</sup> )		GRAM POSITIVE														GRAM NEGATIVE														ANO <sub>2</sub>
		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>a</sup>	Streptococcus pneumoniae	Streptococcus pyogenes (Group A)	Viridans group Streptococcus <sup>a,i</sup>	Acinetobacter baumannii <sup>a</sup>	Citrobacter freundii <sup>b</sup>	Enterobacter aerogenes <sup>b,g</sup>	Enterobacter cloacae <sup>b</sup>	Escherichia coli	Haemophilus influenzae <sup>a</sup>	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii <sup>b,g</sup>	Proteus mirabilis	Proteus vulgaris <sup>b,g</sup>	Providencia species <sup>b,g</sup>	Pseudomonas aeruginosa	Salmonella species <sup>a</sup>	Serratia marcescens <sup>b</sup>	Stenotrophomonas maltophilia	
Number of Isolates		158	1081	200	2996	910	2086	249	708	226	179	334	151	121	117	230	203	6157	560	186	938	238	426	53	47	546	213	97	44	79
Penicillins	Cloxacillin	59	R	R	70	R	100	97			N	N		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Penicillin (IV)	N			N	R	N		100	100	100	100	84	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R
	Penicillin (Oral)											93																		
	Ampicillin/Amoxicillin	N	100	10	N	R	N		100	100	100	100	86	R	R	R	R	41	75	R	R	R	53	R	R	R	92	R	R	R
	Amoxicillin-Clavulanate					R								R	R	R	R	85	100	96	94	R	94	R	R	R		R	R	R
Piperacillin-Tazobactam					R								N	N	N	N	96		97	96		100		N	96		N	R	96	
Cephalosporins	Cephalexin - 1st gen	59	R	R	70	R	100	97			N	100		R	R	R	R	50	N	26	86	R	55	R	R	R		R	R	R
	Cefazolin <sup>c</sup> - 1st gen	59	R	R	70	R	100	97			N	100		R	R	R	R	77	N	26	89	R	61	R	R	R		R	R	R
	Cefuroxime - 2nd gen		R	R							100			R	R	R	R		100				R		R			R	R	R
	Cefixime - 3rd gen		R	R		R						N		N	N	N	87		99	94	N	93	N	N	R		N	R	R	
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	99		N	N	N	N	89	100	99	94	N	95	N	N	R	99	N	R
Ceftazidime - 3rd gen		R	R		R						N	N		N	N	N						N	N	N	96		N		R	
Carbapenems	Ertapenem - restricted		R	R		R							R	99	99	96	99		99	99	99	99	99	99	R		98	R		
	Imipenem - restricted			N		R																			90			R	99	
	Meropenem - restricted		N	N		R								99	99	99	99	99		99	99	99	99	99	99	91		99	R	96
AMGs	Gentamicin	N	☉	☉	N	N	N				R	R	N	98	97	100	98	91	N	100	97	85	93	98	60	95		100	R	R
	Tobramycin	N	R	R	N	N	N				R	R	N	100	96	97	98	90	N	100	96	90	94	100	60	100		89	R	R
	Amikacin	N	R	R	N	N	N				R	R	N	100	100	100	100	100	N	100	100	100	99	100	100	99		100	R	R
FOs	Ciprofloxacin	N	64 <sup>f</sup>	8 <sup>f</sup>	N	N	N				N	N		99	94	95	97	78	100	100	96	81	87	96	98	89	88	99	R	R
	Levofloxacin		65 <sup>f</sup>	9 <sup>f</sup>					94 <sup>f</sup>		100								100											77
	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
Miscellaneous	Erythromycin <sup>h</sup>	52			57	14	76	89	61		81	76		R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
	Clindamycin	72	R	R	75	58	82	89	66	85	92	76	100	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	64
	Doxycycline	91	21 <sup>f</sup>	25 <sup>f</sup>	96	94	96				89												R	R	R	R	R			98 <sup>d</sup>
	Linezolid - restricted	100	97	100	100	100		100						R	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	R	100
	Nitrofurantoin-simple cystitis only <sup>f</sup>	97	99	32	99	99	99				R	N		R	96	14	36	97	R	93	38	R	R	R	R	R		R	R	R
	TMP-SMX or Cotrimoxazole	76	R	R	95	95	95	100				88	R		98	89	96	94	78		99	93	76	79	93	94	R	100	100	96
Vancomycin	99	100	47	100 <sup>d</sup>	100 <sup>d</sup>	100 <sup>d</sup>	100	100	100	100	100	100	100	R	R	R	R	R	R	R	R	R	R	R	R	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

**N** = Susceptibility not tested

**N** = Not recommended

**☉** = Synergy with ampicillins or vancomycin

**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 ceftazolin 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.

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