

SMH site 2016 ANTIBIOGRAM Hospital-wide (% Susceptible ^a)		GRAM POSITIVE														GRAM NEGATIVE														ANO ₂
		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 ^a	Streptococcus pneumoniae	Streptococcus pyogenes (Group A)	Viridans group Streptococcus ^{a,i}	Acinetobacter baumannii ^a	Citrobacter freundii ^b	Enterobacter aerogenes ^{b,g}	Enterobacter cloacae ^b	Escherichia coli	Haemophilus influenzae ^a	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii ^{b,g}	Proteus mirabilis	Proteus vulgaris ^{b,g}	Providencia species ^{b,g}	Pseudomonas aeruginosa	Salmonella species ^a	Serratia marcescens ^b	Stenotrophomonas maltophilia	
Number of Isolates		171	429	122	1571	578	993	96	308	226	95	223	155	121	48	230	114	2177	560	71	404	238	189	53	47	249	213	67	44	79
Penicillins	Cloxacillin	32	R	R	63	R	100	96			N	N		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)											84																		
	Ampicillin/Amoxicillin	N	100	12	N	R	N		100	100	100	100	86	R	R	R	R	35	75	R	R	R	53	R	R	R	92	R	R	R
	Amoxicillin-Clavulanate					R								R	R	R	R	79	100	90	92	R	97	R	R	R		R	R	R
Piperacillin-Tazobactam					R									N	N	N	93		90	93		100		N	91		N	R	96	
Cephalosporins	Cephalexin - 1st gen	32	R	R	63	R	100	96			N	100		R	R	R	R	46	N	23	83	R	54	R	R	R		R	R	R
	Cefazolin ^c - 1st gen	32	R	R	63	R	100	96			N	100		R	R	R	R	70	N	24	86	R	61	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	79		93	90	N	94	N	N	R		N	R	R	
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	99		N	N	N	81	100	93	90	N	96	N	N	R	99	N	R	R
Ceftazidime - 3rd gen		R	R		R						N	N		N	N	N					N		N	N	92		N		R	
Carbapenems	Ertapenem - restricted		R	R		R							R	96	99	92	99		99	98	99	99	99	99	R		99	R		
	Imipenem - restricted			N		R																			86			R	99	
	Meropenem - restricted		N	N		R								99	98	99	99	99		99	98	99	99	99	99	87	99	R	96	
AMGs	Gentamicin	N	☉	☉	N	N	N				R	R	N	98	96	100	97	87	N	100	94	85	92	98	60	93		100	R	R
	Tobramycin	N	R	R	N	N	N				R	R	N	100	100	97	97	85	N	100	92	90	94	100	60	99		82	R	R
	Amikacin	N	R	R	N	N	N				R	R	N	100	100	100	100	100	N	100	99	100	98	100	100	98		100	R	R
FOs	Ciprofloxacin	N	61 ^f	8 ^f	N	N	N				N	N		99	94	95	97	68	100	96	92	81	80	96	98	87	88	97	R	R
	Levofloxacin		62 ^f	8 ^f					94 ^f		99								100											86
	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 ^h	35			53	16	75	82	59		68	71		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R
	Clindamycin	51	R	R	74	59	83	83	61	85	79	70	100	R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	64
	Doxycycline	89	19	23	94	92	95				80											R	R	R	R	R			100 ^d	
	Linezolid - restricted	99	97	96	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	R	100
	Nitrofurantoin-simple cystitis only ^f	99	99	28	99	99	99				R	N		R	94	14	40	95	R	85	35	R	R	R	R	R		R	R	R
	TMP-SMX or Cotrimoxazole	66	R	R	86	89	85	100			80	R		98	96	96	96	70		97	90	76	72	93	94	R	100	100	98	R
Vancomycin	100	99	38	100 ^d	100 ^d	100 ^d	100	100	100	100	100	100	100	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 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.

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