

SMH site 2018 ANTIBIOGRAM Hospital-wide (% Susceptible ³)		GRAM POSITIVE											GRAM NEGATIVE														ANO ₂	YEAST	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 ^e	Streptococcus pneumoniae	Streptococcus pyogenes (Group A)	Viridans group Streptococcus ^{ea}	Acinetobacter baumannii ^e	Citrobacter freundii ^{b,e}	Enterobacter aerogenes ^{b,e}	Enterobacter cloacae ^b	Escherichia coli	Haemophilus influenzae	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii ^{b,e}	Proteus mirabilis	Proteus vulgaris ^{b,e}	Providencia species ^{b,e}	Pseudomonas aeruginosa	Salmonella species ^e	Serratia marcescens ^{b,e}		Stenotrophomonas maltophilia ^e	Bacteroides fragilis group ^e	Clostridium species ^e	Candida albicans ^e	
Number of Isolates		212	404	133	1731	652	1079	112	308	170	96	267	190	103	250	224	95	2227	120	66	355	243	203	41	68	283	177	254	152	82	50	64		
Penicillins	Cloxacillin	46	R	R	62	R	100	93			N	N		R	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	85 [†]	100	81	R	R	R	R	R	N	R	R	R	R	R	R	R	R	R	R	R	86			
	Penicillin (Oral)										85																							
	Ampicillin/Amoxicillin	N	99	4	N	R	N		100	100	100	100	83	R	R	R	R	40	76	R	R	R	R	R	R	R	R	87	R	R	R			
	Amoxicillin-Clavulanate					R								R	R	R	R	81	100	86	93	R	98		R	R	R	R	R	R	R			
	Piperacillin-Tazobactam					R									N	N	N	95	88	95	98	100	100	N	92		N	R	88					
Cephalosporins	Cephalexin - 1st gen	46	R	R	62	R	100	93			N	100		R	R	R	R	53 ^d	N	32 ^d	84 ^d	R ^d	R ^d	R	R	R	R	R	R	R				
	Cefazolin - 1st gen	46	R	R	62	R	100	93			N	100		R	R	R	R	70	N	32	86	R	63	R	R	R	R	R	R	R				
	Cefuroxime - 2nd gen		R	R							100			R	R	R	R		100			R		R		R	R	R	R	R				
	Cefixime - 3rd gen		R	R		R					N				N	N	N	80		97	91	N	94	N	N	R		N	R	R				
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	98		N	N	N	82	100	92	91	N	95	N	N	R	98	N	R	R				
	Ceftazidime - 3rd gen		R	R		R				N	N				N	N	N				N	N	N	N	92		N	N		R				
Carbapenems	Ertapenem - restricted		R	R		R								R	99	99	96	99		99	98	99	99	99	99	R		99	R					
	Imipenem - restricted			N		R																				87		R	96	94				
	Meropenem - restricted		N	N		R								99	99	99	99	99		99	99	99	99	99	99	90		99	R	90	98			
AMGs	Gentamicin	N			N	N	N				R	R	N	98	95	100	97	90	N	99	96	83	88	100	79	94		100	R	R				
	Tobramycin	N	R	R	N	N	N				R	R	N	98	95	97	97	89	N	100	95	87	89	100	81	99		91	R	R				
	Amikacin	N	R	R	N	N	N				R	R	N	97	99	100	99	100	N	100	99	100	99	100	100	98		100	R	R				
FCs	Ciprofloxacin	N	64 ^d	3 ^d	N	N	N				N	N		97	92	95	98	70	100	97	92	80	82	100	90	88	72	96	R	R				
	Levofloxacin		65 ^d	5 ^d							98								100										91					
	Moxifloxacin	N	N	N	N	N	N				99			N	N	N	N	N	100	N	N	N	N	N	N	N	N	N	N	R				
Miscellaneous	Erythromycin ^f	38			57	24	77	87	56		75	71		R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R				
	Clindamycin	62	R	R	79	71	84	87	59	59	84	73		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	46	58		
	Tetracycline ^h	87	23 ^d	40 ^d	91	84	95					73																						
	Linezolid - restricted	100	93	99	100	100		100						R	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	R	R	99	98		
	Nitrofurantoin-simple cystitis only ^d	99	99	8	99	99	99					R	N		R	95	14	40	94	R	89	29	R	R	R	R	R	R	R	R	R			
	TMP-SMX or Cotrimoxazole	78	R	R	86	86	86	99				84			93	87	96	93	72		92	89	74	71	93	91	R	98	100	99	R			
	Vancomycin	100	98	31	100	100	100	100	100	100	100	100	100		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
	Fosfomycin ⁱ																																	
	Fluconazole																																	100
Micafungin - restricted																																	100	

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. *Serratia*, *Providencia*, *Morganella*, *Citrobacter freundii*, *Enterobacter*, and *P. vulgaris* carry inducible cephalosporinases (AmpC) that cause *in-vivo* resistance to 3rd generation cephalosporins.

c. Susceptibility for *S. maltophilia* represents minocycline.

d. For urinary tract isolates only.

e. Combined from all FH sites.

f. Susceptibility to erythromycin for these organisms is the same as for azithromycin/clarithromycin.

g. Excluding *Streptococcus anginosus* group.

h. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.

i. Fosfomycin testing was calculated from a limited number of *E. coli* (n=11336), *K. oxytoca* (n=324), *K. pneumoniae* (n=1393) and *P. mirabilis* (n=795) isolates from all FH sites.

† Data based on meningitis breakpoints

‡ Data based on non-meningitis breakpoints

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