

DH, ERH, FCH, MMH, RMH, SCSC sites 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)	MSSA (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		74	497	139	1573	508	1065	156	200	170	72	190	190	103	250	224	104	2880	59	97	357	243	185	41	68	260	177	254	152	82	50	64		
Penicillins	Cloxacillin	39	R	R	68	R	100	95			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	87 [†]	100	81	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R	R	86		
	Penicillin (Oral)										87																							
	Ampicillin/Amoxicillin	N	100	5	N	R	N		100	100	100	100	83	R	R	R	R	43	76	R	R	R	58	R	R	R	R	87	R	R	R	R		
	Amoxicillin-Clavulanate					R								R	R	R	R	84	100	92	93	R	93	R	R	R	R	R	R	R	R	R		
Piperacillin-Tazobactam					R									N	N	N	96	95	96	98	98	100	N	94		N	R	R	R	88				
Cephalosporins	Cephalexin - 1st gen	39	R	R	68	R	100	95			N	100		R	R	R	R	55 ^d	N	24 ^d	87 ^d	R ^d	60 ^d	R ^d	R	R	R	R	R	R	R			
	Cefazolin - 1st gen	39	R	R	68	R	100	95			N	100		R	R	R	R	76	N	22	89	R	62	R	R	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	86		98	93	N	93	N	N	R		N	R	R				
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	98		N	N	N	88	100	94	93	N	96	N	N	R	98	N	R	R				
Ceftazidime - 3rd gen		R	R		R				N	N				N	N	N					N	N	N	N	94		N		R					
Carbapenems	Ertapenem - restricted		R	R		R								R	99	99	99	99		99	99	99	99	99	99	R		99	R					
	Imipenem - restricted			N		R																				89		R	96	94				
	Meropenem - restricted		N	N		R								99	99	99	99	99		99	99	99	99	99	99	91		99	R	90	98			
AMGs	Gentamicin	N			N	N	N				R	R	N	98	95	100	99	92	N	98	97	83	93	100	79	93		100	R	R				
	Tobramycin	N	R	R	N	N	N				R	R	N	98	95	97	100	92	N	100	97	87	94	100	81	100		91	R	R				
	Amikacin	N	R	R	N	N	N				R	R	N	97	99	100	100	100	N	100	100	100	100	100	100	98		100	R	R				
FCs	Ciprofloxacin	N	58 ^d	4 ^d	N	N	N				N	N		97	92	95	97	79	100	99	96	80	90	100	90	87	72	96	R	R				
	Levofloxacin		60 ^d	3 ^d							100								100										91					
	Moxifloxacin	N	N	N	N	N	N				100			N	N	N	N	N	100	N	N	N	N	N	N	N	N	N	N	R				
Miscellaneous	Erythromycin ^f	45			58	16	77	87	58		81	84		R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R	R			
	Clindamycin	65	R	R	75	61	82	87	61	59	87	85		R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R	R	46	58	
	Tetracycline ^h	82	22 ^d	42 ^d	94	89	96				79																		100 [†]					
	Linezolid - restricted	100	94	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	R	99	98	
	Nitrofurantoin-simple cystitis only ^d	99	98	12	99	99	99					R	N		R	95	14	38	96	R	86	33	R	R	R	R	R	R	R	R	R			
	TMP-SMX or Cotrimoxazole	70	R	R	92	89	94	99			87			93	87	96	97	79		94	94	74	82	93	91	R	98	100	99	R				
	Vancomycin	100	98	42	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																																	
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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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