

PAH 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 ¹	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 ⁶	Streptococcus pneumoniae ¹	Streptococcus pyogenes (Group A) ¹	Viridans group Streptococcus ^{6a}	Acinetobacter baumannii ⁶	Citrobacter freundii ^{6b}	Enterobacter aerogenes ^{6b}	Enterobacter cloacae ^b	Escherichia coli	Haemophilus influenzae ¹	Klebsiella oxytoca ¹	Klebsiella pneumoniae	Morganella morganii ^{6,c}	Proteus mirabilis	Proteus vulgaris ^{6,e}	Providencia species ^{6,e}	Pseudomonas aeruginosa	Salmonella species ⁶	Serratia marcescens ^{6,e}	Stenotrophomonas maltophilia ⁶		Bacteroides fragilis group ⁶	Clostridium species ⁶	Candida albicans ⁶	
Number of Isolates		99	169	31	442	128	314	57	152	170	83	227	190	103	250	224	31	919	73	120	114	243	61	41	68	100	177	254	152	82	50	64		
Penicillins	Cloxacillin	47	R	R	71	R	100	97			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	84 [†]	100	81	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R	R	86		
	Penicillin (Oral)										84																							
	Ampicillin/Amoxicillin	N	100	7	N	R	N		100	100	100	100	83	R	R	R	R	44	80	R	R	R	61	R	R	R	R	87	R	R	R	R		
	Amoxicillin-Clavulanate					R								R	R	R	R	82	100	93	94	R	97		R	R		R	R					
	Piperacillin-Tazobactam														N	N	N	95	95	96	98	100	100	N	N	R		N	R	88				
Cephalosporins	Cephalexin - 1st gen	47	R	R	71	R	100	97			N	100		R	R	R	R	56 ^d	N	23 ^d	90 ^d	R ^d	64 ^d	R ^d	R	R	R	R	R	R				
	Cefazolin - 1st gen	47	R	R	71	R	100	97			N	100		R	R	R	R	75	N	21	92	R	67	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	85		98	95	N	95	N	N	R		N	R	R				
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	98		N	N	N	86	100	94	95	N	98	N	N	R	98	N	R	R				
	Ceftazidime - 3rd gen		R	R		R					N	N			N	N	N					N	N	N	N	92		N						
Carbapenems	Ertapenem - restricted		R	R		R								R	99	99	99	99		99	99	99	99	99	99	R		99	R					
	Imipenem - restricted			N		R																				86		R	96	94				
	Meropenem - restricted		N	N		R								99	99	99	99	99		99	98	99	99	99	99	93		99	R	90	98			
AMGs	Gentamicin	N			N	N	N				R	R	N	98	95	100	94	91	N	98	96	83	84	100	79	93		100	R	R				
	Tobramycin	N	R	R	N	N	N				R	R	N	98	95	97	94	90	N	100	94	87	84	100	81	100		91	R	R				
	Amikacin	N	R	R	N	N	N				R	R	N	97	99	100	100	99	N	100	97	100	98	100	100	100		100	R	R				
FCs	Ciprofloxacin	N	60 ^d	3 ^d	N	N	N				N	N		97	92	95	100	77	100	99	95	80	90	100	90	91	72	96	R	R				
	Levofloxacin		62 ^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 ¹	47			61	14	80	88	65		82	82		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R				
	Clindamycin	63	R	R	77	57	86	88	66	59	88	83		R	R	R	R	R		R	R	R	R	R	R	R		R	R	46	58			
	Tetracycline ^h	85	19 ^d	29 ^d	96	93	97					79											R	R	R	R	R		100 [†]					
	Linezolid - restricted	100	98	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	R	99	98		
	Nitrofurantoin-simple cystitis only ^d	99	99	16	98	99	98					R	N		R	95	14	29	97	R	86	38	R	R	R	R	R		R	R	R			
	TMP-SMX or Cotrimoxazole	71	R	R	91	88	92	100				84			93	87	96	87	75		94	89	74	80	93	91	R	98	100	99	R			
	Vancomycin	100	99	45	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			
	Fosfomycin ¹																																	
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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.
 - j. Combined with Rest of FH

[†] Data based on meningitis breakpoints

[‡] Data based on non-meningitis breakpoints