

PAH site  2017 ANTIBIOGRAM Hospital-wide (% Susceptible <sup>3</sup> )		GRAM POSITIVE											GRAM NEGATIVE														ANO <sub>2</sub>		YEAST				
		Coagulase Negative Staphylococcus	Enterococcus faecalis	Enterococcus faecium	Staphylococcus aureus (MSSA + MRSA)	MPSA (Methicillin Resistant Staph. aureus)	MSSA (Methicillin Susceptible Staph. aureus)	Staphylococcus lugdunensis	Streptococcus agalactiae (Group B)	Streptococcus anginosus group <sup>e</sup>	Streptococcus pneumoniae <sup>1</sup>	Streptococcus pyogenes (Group A)	Viridans group Streptococcus <sup>3a</sup>	Acinetobacter baumannii <sup>e</sup>	Citrobacter freundii <sup>b,e</sup>	Enterobacter aerogenes <sup>b,e</sup>	Enterobacter cloacae <sup>b,j</sup>	Escherichia coli	Haemophilus influenzae <sup>1</sup>	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii <sup>b,e</sup>	Proteus mirabilis	Proteus vulgaris <sup>b,e</sup>	Providencia species <sup>b,e</sup>	Pseudomonas aeruginosa	Salmonella species <sup>e</sup>	Serratia marcescens <sup>b,e</sup>	Stenotrophomonas maltophilia <sup>e</sup>	Bacteroides fragilis group <sup>e</sup>	Clostridium species <sup>e</sup>	Candida albicans <sup>e</sup>	
Number of Isolates		32	174	35	417	131	286	47	130	186	96	34	195	116	249	205	120	896	90	31	130	237	50	40	52	100	199	259	165	77	53	68	
Penicillins	Cloxacillin	56	R	R	68	R	100	98			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	83	R	R	R	R	R	R	N	R	R	R	R	R	R		R	R	R	79		
	Penicillin (Oral)																																
	Ampicillin/Amoxicillin	N	99	9	N	R	N		100	100	100	100	84	R	R	R	R	41	69	R	R	R	R	R	R	R	92	R	R	R			
	Amoxicillin-Clavulanate					R								R	R	R	R	84	86	97	98	R	94	R	R	R		R	R	R			
Piperacillin-Tazobactam					R										N	N	N	96		97	98	100		N	94		N	R	91				
Cephalosporins	Cephalexin - 1st gen	56	R	R	68	R	100	98			N	100		R	R	R	R	50 <sup>d</sup>	N	26 <sup>d</sup>	92 <sup>d</sup>	R	52 <sup>d</sup>	R	R	R	R	R	R	R			
	Cefazolin - 1st gen	56	R	R	68	R	100	98			N	100		R	R	R	R	74	N	26	92	R	58	R	R	R		R	R	R			
	Cefuroxime - 2nd gen		R	R							100			R	R	R	R		86				R		R		R	R	R				
	Cefixime - 3rd gen		R	R											N	N	N	85		99	96	N	96	N	N	R		N	R	R			
	Cefotaxime / Ceftriaxone - 3rd gen		R	R						100	100	100	100	100		N	N	N	86	100	99	95	N	98	N	N	R	99	N	R	R		
Ceftazidime - 3rd gen		R	R												N	N	N					N		N	N	94		N		R			
Carbapenems	Ertapenem - restricted		R	R										R	98	99	98	99		99	99	99	99	99	99	R		99	R				
	Imipenem - restricted			N		R																									96	92	
	Meropenem - restricted		N	N		R									97	98	99	99	99		99	99	99	99	99	97		99	R	91	100		
AMGs	Gentamicin	N			N	N	N				R	R	N	97	96	100	98	90	N	97	98	85	98	98	79	93		100	R	R			
	Tobramycin	N	R	R	N	N	N				R	R	N	97	94	97	98	88	N	100	98	89	98	100	79	99		83	R	R			
	Amikacin	N	R	R	N	N	N				R	R	N	97	100	100	100	100	N	100	99	100	100	100	100	98		100	R	R			
FCs	Ciprofloxacin	N	56 <sup>d</sup>	6 <sup>d</sup>	N	N	N				N	N		96	95	95	98	76	100	100	97	84	98	98	90	84	76	98	R	R			
	Levofloxacin		60 <sup>d</sup>	6 <sup>d</sup>					100 <sup>d</sup>		99								100												89		
	Moxifloxacin	N	N	N	N	N	N							N	N	N	N	N	100		N	N	N	N	N	N	N	N	N	N	R		
Miscellaneous	Erythromycin <sup>1</sup>	56			55	11	76	89	50		86	77		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
	Clindamycin	69	R	R	70	47	81	89	48	71	93	77	50	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	45	47		
	Tetracycline <sup>b</sup>	84	22 <sup>d</sup>	9 <sup>d</sup>	94	87	97					90											R	R	R	R	R						
	Linezolid - restricted	100	95	100	100	99		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	100	
	Nitrofurantoin-simple cystitis only <sup>d</sup>	100	99	17	99	99	100					R	N		R	92	15	54	97	R	74	40	R	R	R	R	R	R	R	R	R		
	TMP-SMX or Cotrimoxazole	84	R	R	91	92	91	100				87	R		97	88	96	96	76		100	93	77	88	90	90	R	97	100	98	R		
	Vancomycin	100	99	49	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 <sup>1</sup>																		99		96	94												
Fluconazole																																100	
Micafungin - restricted																																100	

This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.

**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=7245), *K. oxytoca* (n=207), *K. pneumoniae* (n=944), and *P. mirabilis* (n=508) isolates from all FH sites.

j. Combined with Rest of FH

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