ARH site 2017 ANTIBIOGRAM Hospital-wide (% Susceptible[a])		GRAM POSITIVE												GRAM NEGATIVE																		ANO$_2$		YEAST
		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*[e,g]	*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 marcesens*[b,e]	*Stenotrophomonas maltophilia*[e]	*Bacteroides fragilis* group[e]	*Clostridium species*[e]	*Candida albicans*[e]
Number of Isolates		82	256	80	734	229	505	65	200	186	37	71	195	116	249	205	75	1359	45	66	199	237	92	40	52	161	199	259	165	77	53	68
Penicillins	Cloxacillin	40	R	R	69	R	100	92			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	83	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R	79	
	Penicillin (Oral)										91																					
	Ampicillin/Amoxicillin	N	100	13	N	R	N		100	100	100	100	84	R	R	R	R	41	80	R	R	R	54	R	R	R	92	R	R	R		
	Amoxicillin-Clavulanate					R								R	R	R	R	85	100	89	96	R	92	R	R	R		R	R			
	Piperacillin-Tazobactam					R									N	N	N	95		91	97		100		N	92		N	R	91		
Cephalosporins	Cephalexin - 1st gen	40	R	R	69	R	100	92			N	100		R	R	R	R	49[d]	N	27[d]	89[d]	R	57[d]	R	R	R		R	R	R		
	Cefazolin - 1st gen	40	R	R	69	R	100	92			N	100		R	R	R	R	74	N	27	91	R	59	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	84		97	95	N	94	N	N	R		N	R	R		
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	100		N	N	N	85	100	89	96	N	97	N	N	R	99	N	R	R		
	Ceftazidime - 3rd gen		R	R		R					N	N			N	N	N					N		N	N	93		N		R		
Carbapenems	Ertapenem - restricted		R	R		R								R	98	99	97	99		99	99	99	99	99	99	R		99	R			
	Imipenem - restricted			N		R																				89			R	96	92	
	Meropenem - restricted		N	N		R								97	98	99	99	99		99	99	99	99	99	99	90		99	R	91	100	
AMGs	Gentamicin	N			N	N	N				R	R	N	97	96	100	100	92	N	97	97	85	89	98	79	96		100	R	R		
	Tobramycin	N	R	R	N	N	N				R	R	N	97	94	97	99	91	N	100	95	89	90	100	79	100		83	R	R		
	Amikacin	N	R	R	N	N	N				R	R	N	97	100	100	100	100	N	97	100	100	99	100	100	99		100	R	R		
FQs	Ciprofloxacin	N	57[d]	14[d]	N	N	N				N	N		96	95	95	99	74	100	96	95	84	87	98	90	91	76	98	R	R		
	Levofloxacin		58[d]	13[d]					94[d]		100								100										89			
	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]	43			56	11	77	80	59		78	76		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R		
	Clindamycin	58	R	R	75	56	83	80	63	71	81	76	50	R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	45	47	
	Tetracycline[h]	86	18[d]	47[d]	94	90	96				79											R	R	R	R	R			98[c]			
	Linezolid - restricted	100	99	99	100	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	99	100	
	Nitrofurantoin-simple cystitis only[d]	98	99	17	100	100	99				R	N		R	92	15	37	96	R	89	39	R	R	R	R	R		R	R	R		
	TMP-SMX or Cotrimoxazole	72	R	R	90	90	90	100			79	R		97	88	96	93	78		97	92	77	75	90	90	R	97	100	98	R		
	Vancomycin	100	98	39	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[i]																	99		96	94		86									
	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.

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