RCH 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		125	308	109	987	293	694	86	123	186	59	109	195	116	249	205	97	1233	86	55	213	237	132	40	52	199	199	259	165	77	53	68
Penicillins	Cloxacillin	39	R	R	70	R	100	97			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)										81																					
	Ampicillin/Amoxicillin	N	100	6	N	R	N		100	100	100	100	84	R	R	R	R	37	77	R	R	R	51	R	R	R	92	R	R	R		
	Amoxicillin-Clavulanate					R								R	R	R	R	83	80	89	94	R	98	R	R	R		R	R			
	Piperacillin-Tazobactam					R									N	N	N	95		89	98		100		N	91		N	R	91		
Cephalosporins	Cephalexin - 1st gen	39	R	R	70	R	100	97			N	100		R	R	R	R	46[d]	N	27[d]	86[d]	R	54[d]	R	R	R		R	R	R		
	Cefazolin - 1st gen	39	R	R	70	R	100	97			N	100		R	R	R	R	72	N	29	89	R	58	R	R	R		R	R	R		
	Cefuroxime - 2nd gen		R	R							100			R	R	R	R		80			R		R		R		R	R			
	Cefixime - 3rd gen		R	R		R					N				N	N	N	82		99	93	N	94	N	N	R		N	R	R		
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	100		N	N	N	84	100	93	93	N	96	N	N	R	99	N	R	R		
	Ceftazidime - 3rd gen		R	R		R					N	N			N	N	N					N		N	N	92		N		R		
Carbapenems	Ertapenem - restricted		R	R		R								R	98	99	99	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	97	90	N	100	97	85	89	98	79	93		100	R	R		
	Tobramycin	N	R	R	N	N	N				R	R	N	97	94	97	97	88	N	100	97	89	89	100	79	99		83	R	R		
	Amikacin	N	R	R	N	N	N				R	R	N	97	100	100	99	100	N	100	100	100	99	100	100	99		100	R	R		
FQs	Ciprofloxacin	N	72[d]	3[d]	N	N	N				N	N		96	95	95	98	74	100	100	96	84	80	98	90	92	76	98	R	R		
	Levofloxacin		74[d]	4[d]					80[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]	46			59	19	76	88	55		72	75		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R		
	Clindamycin	57	R	R	73	55	80	90	60	71	80	75	50	R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	45	47	
	Tetracycline[h]	89	23[d]	26[d]	92	84	95				77											R	R	R	R	R			98[c]			
	Linezolid - restricted	100	98	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	13	99	99	99				R	N		R	92	15	49	97	R	91	38	R	R	R	R	R		R	R	R		
	TMP-SMX or Cotrimoxazole	65	R	R	94	92	95	99			86	R		97	88	96	94	76		98	93	77	74	90	90	R	97	100	98	R		
	Vancomycin	100	98	37	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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