LMH 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*[j]	*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		39	166	35	470	117	353	55	177	186	35	58	195	116	249	205	43	853	43	101	104	237	58	40	52	77	199	259	165	77	53	68
Penicillins	Cloxacillin	62	R	R	75	R	100	98			N	N		R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	R		
	Penicillin (IV)	N			N	R	N		99	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	98	0	N	R	N		99	100	100	100	84	R	R	R	R	42	79	R	R	R	33	R	R	R	92	R	R	R		
	Amoxicillin-Clavulanate					R								R	R	R	R	84	100	91	97	R	83	R	R	R		R	R			
	Piperacillin-Tazobactam					R									N	N	N	95		92	93		95		N	88		N	R	91		
Cephalosporins	Cephalexin - 1st gen	62	R	R	75	R	100	98			N	100		R	R	R	R	51[d]	N	22[d]	92[d]	R	38[d]	R	R	R		R	R	R		
	Cefazolin - 1st gen	62	R	R	75	R	100	98			N	100		R	R	R	R	78	N	22	93	R	48	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	87		99	97	N	86	N	N	R		N	R	R		
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			99	100	100	100	100		N	N	N	89	100	98	97	N	91	N	N	R	99	N	R	R		
	Ceftazidime - 3rd gen		R	R		R					N	N			N	N	N					N		N	N	88		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																				87			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	91	N	98	97	85	86	98	79	97		100	R	R		
	Tobramycin	N	R	R	N	N	N				R	R	N	97	94	97	100	90	N	100	96	89	86	100	79	100		83	R	R		
	Amikacin	N	R	R	N	N	N				R	R	N	97	100	100	100	100	N	100	100	100	98	100	100	100		100	R	R		
FQs	Ciprofloxacin	N	54[d]	0[d]	N	N	N				N	N		96	95	95	98	78	100	99	95	84	88	98	90	87	76	98	R	R		
	Levofloxacin		56[d]	0[d]					100[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]	36			64	17	80	80	61		89	79		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R		
	Clindamycin	56	R	R	78	62	83	80	66	71	94	79	50	R	R	R	R	R	R	R	R	R	R	R	R	R		R	R	45	47	
	Tetracycline[h]	77	18[d]	11[d]	94	92	95				94											R	R	R	R	R			98[c]			
	Linezolid - restricted	100	96	100	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]	100	99	14	99	98	99				R	N		R	92	15	56	96	R	88	29	R	R	R	R	R		R	R	R		
	TMP-SMX or Cotrimoxazole	82	R	R	96	95	96	96			86	R		97	88	96	95	79		93	92	77	85	90	90	R	97	100	98	R		
	Vancomycin	100	100	46	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.
j. Combined with Rest of FH

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