

LMH 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	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 ¹	Streptococcus pyogenes (Group A)	Viridans group Streptococcus ^{2a}	Acinetobacter baumannii ^e	Citrobacter freundii ^{b,e}	Enterobacter aerogenes ^{b,e}	Enterobacter cloacae ^b	Escherichia coli	Haemophilus influenzae ¹	Klebsiella oxytoca ¹	Klebsiella pneumoniae	Morganella morganii ^{b,e}	Proteus mirabilis	Proteus vulgaris ^{b,e}	Providencia species ^{b,e}	Pseudomonas aeruginosa	Salmonella species ^e	Serratia marcescens ^{b,e}		Stenotrophomonas maltophilia ^e	Bacteroides fragilis group ^e	Clostridium species ^e	Candida albicans ^e
Number of Isolates		30	197	60	550	169	381	51	161	170	97	64	190	103	250	224	44	894	88	135	124	243	53	41	68	94	177	254	152	82	50	64	
Penicillins	Cloxacillin	73	R	R	69	R	100	100			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	87 [†]	100	81	R	R	R	R	R	N	R	R	R	R	R	R	R		R	R	R	86		
	Penicillin (Oral)										87																						
	Ampicillin/Amoxicillin	N	100	8	N	R	N		100	100	100	100	83	R	R	R	R	44	72	R	R	R	60	R	R	R	87	R	R	R			
	Amoxicillin-Clavulanate					R								R	R	R	R	85	100	93	98	R	96		R	R		R	R				
	Piperacillin-Tazobactam					R									N	N	N	96		96	98	98	100	100	N	93		N	R	88			
Cephalosporins	Cephalexin - 1st gen	73	R	R	69	R	100	100			N	100		R	R	R	R	54 ^d	N	22 ^d	94 ^d	R ^d	68 ^d	R ^d	R	R	R	R	R	R			
	Cefazolin - 1st gen	73	R	R	69	R	100	100			N	100		R	R	R	R	77	N	21	94	R	66	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	88		98	96	N	96	N	N	R		N	R	R			
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R			100	100	100	100	98		N	N	N	90	100	94	96	N	98	N	N	R	98	N	R	R			
	Ceftazidime - 3rd gen		R	R		R				N	N				N	N	N				N	N	N	N	R	94	N	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																				85		R	96	94			
	Meropenem - restricted		N	N		R								99	99	99	99	99		99	99	99	99	99	99	88		99	R	90	98		
AMGs	Gentamicin	N			N	N	N				R	R	N	98	95	100	98	91	N	99	99	83	96	100	79	92		100	R	R			
	Tobramycin	N	R	R	N	N	N				R	R	N	98	95	97	98	92	N	100	98	87	98	100	81	99		91	R	R			
	Amikacin	N	R	R	N	N	N				R	R	N	97	99	100	98	100	N	100	100	100	100	100	100	97		100	R	R			
FCs	Ciprofloxacin	N	53 ^d	3 ^d	N	N	N				N	N		97	92	95	96	77	100	99	99	80	94	100	90	86	72	96	R	R			
	Levofloxacin		54 ^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	72			61	21	79	86	58		83	84		R	R	R	R	R		R	R	R	R	R	R	R		R	R	R			
	Clindamycin	86	R	R	78	70	81	86	64	59	89	84		R	R	R	R	R		R	R	R	R	R	R	R		R	R	46	58		
	Tetracycline ^h	90	18 ^d	22 ^d	95	89	97				82																		100 [†]				
	Linezolid - restricted	100	94	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	99	98		
	Nitrofurantoin-simple cystitis only ^d	100	98	23	98	97	99					R	N		R	95	14	46	96	R	86	35	R	R	R	R		R	R	R			
	TMP-SMX or Cotrimoxazole	86	R	R	93	90	95	100			89			93	87	96	96	76		94	94	74	89	93	91	R	98	100	99	R			
	Vancomycin	100	99	55	100	100	100	100	100	100	100	100	100		R	R	R	R	R	R	R	R	R	R	R	R		R	R	R			
	Fosfomycin ¹																			99		97	95		88								
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