



University of Washington
School of Medicine

2005 Antibigram

Harborview Medical Center
Microbiology Lab 206-731-5858

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Medical Center
Microbiology Lab 206-598-6147

Organism (%Susceptible)	Maximum # of isolates tested		Amp/sulbactam		Cefazolin		Ceftriaxone ^b		Clindamycin ^e		Erythromycin		Gentamicin		Levofloxacin		Moxifloxacin		Nitrofurantoin ^d		Oxacillin		Penicillin ^c		Tetracycline		Trimeth/sulfa		Vancomycin	
	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U		
<i>Staphylococcus, coag neg</i>	198	776	f	31	f	31			60	44	31	33	75	68	53	37			99	f	31	f	12	86	88	53	49	100	100	
MSSA ^e	1527	1634	100	100	100	100			94	79	70	63	99	99	92	95			100	100	100	100	20	20	96	96	97	99	100	100
MRSA ^e	2293	1180	0	0	0	0			64	51	5	5	96	98	23	26			100	99	0	0	0	0	92	93	97	98	100	100
<i>Streptococcus pneumoniae</i> ^d	234	68					85	87	94	85	81	78					99 ^g	100	100					76	59	86	89	73	100	100

Blank cells = insufficient data or drug is not tested. H = HMC; U = UWMC; MSSA, methicillin-susceptible *S. aureus*; MRSA, methicillin-resistant *S. aureus*

^a Penicillin or ceftriaxone may be effective in patients with pneumonia (and no meningitis) caused by *S. pneumoniae* with intermediate susceptibility

^b *S. pneumoniae* vs ceftriaxone: 7% resistant and 8% intermediate at HMC; 5% resistant and 8% intermediate at UWMC

^c *S. pneumoniae* vs penicillin: 9% resistant and 15% intermediate at HMC; 9% resistant and 32% intermediate at UWMC

^d Indicated in urinary tract infection only

^e Methicillin resistance for all *S. aureus* isolates at HMC was 60%, at UWMC was 42%. Inducible clindamycin resistance for all *S. aureus* isolates at HMC was 8%, at UWMC was 11%. MRSA vs. linezolid: 100% (n=37) were susceptible.

^f Phenotypic beta-lactam susceptibility testing is unreliable for coagulase-negative staphylococci. Molecular testing for *mecA* (methicillin-resistance) is required before isolates can be reported as susceptible.

^g Current susceptibility methods may fail to detect single-step mutations conferring low-level levofloxacin resistance.

Organism (%Susceptible)	Maximum # of isolates tested		Ampicillin		Levofloxacin ^b		Nitrofurantoin ^d		Tetracycline		Vancomycin		High level gentamicin		High level streptomycin		Chloramphenicol ^j		Doxycycline ^j		Synercid ^j		Linezolid ^j			
	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U		
<i>Enterococcus faecalis</i> ^k	81	116	99	97	35				26	99	83	61	58	75	61											
<i>Enterococcus faecium</i> ^k	46	196	17	1	0	23			36	28	6	69	26	47	31	97	82	66	67	100	99	100	93			
<i>Enterococcus spp.</i> ^m	907	993	86	91	49	49	92	93	22	28	89	98	75	71	76	73	95	74	90			98				

Blank cells = insufficient data or drug was not tested. H = HMC; U = UWMC.

^d Indicated in urinary tract infection only

^b Levofloxacin is tested against urinary tract isolates only at HMC and against all isolates at UWMC

^j Chloramphenicol, doxycycline, synercid and linezolid are tested against VRE only.

^k Includes all isolates from sterile sites and VRE from non-sterile sites at UWMC.

^m *Enterococcus spp.* comprises isolates from non-sterile sites at both hospitals and includes VRE from HMC.