

CLINICAL PATHOLOGY DEPARTMENT - MICROBIOLOGY SECTION

\*ANTIBIOTIC PROFILE JANUARY - DECEMBER 2011 Total Inpatient and Outpatient

\*The cumulative antimicrobial susceptibility data report is based on the inclusion of only the first isolate of a given species from an individual patient.

This data is presented with the aim of guiding clinicians in the selection of initial empirical antimicrobial therapy for infections.

\*\*\*\* % SUSCEPTIBLE \*\*\*\*

	Achromobacter xylosoxidans	Acinetobacter species	Burkholderia cepacia complex** 2 years data	Citrobacter freundii	Citrobacter species not C.freundii	Enterobacter aerogenes	Enterobacter cloacae	Escherichia coli (Blood and CSF)	Escherichia coli	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Pseudomonas aeruginos (Mucoid)	Serratia marcescens	Salmonella species** 2 years data	Shigella species ** 2 years data	Stenotrophomonas maltophilia	Enterococcus faecalis**	Enterococcus species** includes E faecium and E faecalis	Staphylococcus Coagulase Negative	Staphylococcus aureus Total	Staphylococcus aureus MRSA	Staphylococcus aureus MSSA	Streptococcus pneumoniae (Blood and CSF)	Streptococcus pneumoniae (non-sterile sites)	Viridans streptococcus	
# of Isolates Tested	77	54	32	34	37	38	144	33	1572	49	257	23	180	636	104	91	35	49	111	55	310	109	2505	1319	1186	21	195	40	
Amikacin				100	100	100	99	97	100	100	99	100	100	90	35	100													
Ampicillin	13							33	35	0	0	0	79					49		96	93							63	
Amoxicillin/Clavulanate				3	65	0	2	79	74	94	92					0	94												
Cefepime															76														
Cefotaxime				65	89	68	69	94	96	100	97	78	99			71	100											83	
Cefotaxime (meningitis)																										76	66		
Cefotaxime (nonmeningitis)																									100	85			
Cefoxitin						0	0	95	96	96	95	0	97				9												
Ceftazidime	40	60	65	65	89	71	73	97	96	98	98	88	100	90	85	93			16										
Ceftriaxone		20																											
Ceftriaxone (meningitis)																										75	66		
Ceftriaxone (non meningitis)																										100	79		
Cephalothin*				0	79	0	0		56	87	88	0	97				0												
Ciprofloxacin				100	100	100	99	84	92	100	98	87	97		81	91	100	100											
Clindamycin																						27	81	81	81	78	64		
Colistin															99														
Erythromycin																						12	34	12	57	41	35		
Gentamicin	5	87		88	97	38	96	85	90	100	97	87	96	75	27	91						63	98	97	96				
Gentamicin Synergy																				73	80								
Levofloxacin	23	96	69	97	100	100	98	82	92	100	99	87	98	90		93	94	100	89		96					100	100		
Linezolid																						100	99	99	100	100	100		
Meropenem	69		69	100	100	100	99	100	100	100	99	100	100	94	88	100										76	60		
Minocycline																			100										
Nitrofurantoin				100	58	0	23		95	59	22	0	0				0				95								
Oxacillin																						23	47	0	100				
Penicillin																				96	94							58	
Penicillin (meningitis)																										71	39		
Penicillin (non meningitis)																										89	73		
Piperacillin	65			59	10	71	64	36	37	2	0	57	90	91	90	84													
Piperacillin/Tazobactam	70			75	93	74	75	97	99	94	97	100	100	93	94	99													
Rifampin																						98	99	99	100				
Streptomycin Synergy																				85	85								
Tetracycline																						24	85	96	97	95	82	60	
Ticarillin															73														
Ticarillin/Clavulanic																			21										
Tobramycin	5	92		91	76	100	95	85	90	100	98	87	96	90	61	89													
Trimethoprim-sulfamethoxazole		96	72		86	100	83	58	54	96	83	78	83			91	100	18	91				98	99	97	53	47		
Vancomycin																						98	98	100	100	100	100	100	

\*Cephalothin interpretive criteria should be used to predict results to the oral agents, cefadroxil, cefpodoxime, cephalexin, and loracarbef

\*\*Enterococcus faecalis - 5% high level resistance to both gentamicin and streptomycin synergy

\*\*\*Enterococcus species - 3% high level resistance to both gentamicin and streptomycin synergy

%Susceptibilities of organisms with isolates (n<30) are not included in table