

Sierra View District Hospital In/Outpatient Antibiotic % Susceptibility Report for 2017	Number of Isolates	Aminoglycosides				Cephalosporins								Penicillins								Staph			Quinolones			Macrolides																	
		Amikacin	Gentamicin	Streptomycin (Non-Form)	Tobramycin	1st Gen		2nd Gen		3rd Gen				Amox/Clavulanate	Ampicillin	Ampicillin/Sulbactam	Penicillin	Piperacillin/Tazobactam	Ticarcillin/K Clavulanate	Oxacillin ² (Nafcillin)	Ertapenem (Non-Form)				Imipenem	Meropenem	Ciprofloxacin	Levofloxacin	Moxifloxacin (Non-Form)	Azithromycin	Erythromycin	Aztreonom	Chloramphenicol (Non-Form)	Clindamycin	Daptomycin (Non-Form)	Linezolid	Nitrofurantoin ¹	Rifampin	Tetracycline	Trimethoprim	Trimeth/Sulfa		Vancomycin		
						Cephalothin (Non-Form)	Cefazolin	Cefaclor	Cefuroxime	Cefepime	Cefotaxime	Ceftazidime	Ceftizoxime																															Ceftriaxone	
Acinetobacter baumann/haem	29	93	90	90	0	0	0	83	45	83		62	0	0	41		66		0				76	79				0																1. Norfloxacin/Nitrofurantoin: used for urinary infections only	
Acinetobacter lwoffii	15	100	100	100					93	80	93		80		93		100						93	93																			used for urinary infections only.		
Citrobacter amalonaticus	20	100	75	75	15	100			85	85	85		70	65	25	35		95	75		100	100		60	60			85																	
Citrobacter freundii complex	39	92	85	85	0	0		0	97	85	85		85	0	0	0		95	74		100	100		82	87			87																	
Citrobacter koseri	26	100	100	100	100	100		77	100	100	100		100	100	0	100		100	100		100	100		100	100			100																	
Enterobacter aerogenes	41	95	98	95	0	0		0	100	90	78		71	0	0	0		90	71		98	98		93	100			93																	
Enterobacter cloacae	71	96	93	92	0	0		0	90	77	79		69	0	0	0		87	70		96	99		90	96			79																	
Escherichia coli	2084	97	86	86	54	99		85	88	88	88		87	83	44	51		98	89		99	100		71	71			87																	
Klebsiella oxytoca	61	95	95	92	72	100		92	97	97	97		92	90	11	67		95	95		100	100		92	93			92																	
Klebsiella pneumoniae	402	98	98	97	84	99		90	94	94	94		93	93	0	83		98	93		99	100		95	95			94																	
Morganella morganii	72	100	68	81	0	0		28	97	86	85		82	0	0	12		97	92		93	28		47	64			88																	
Nonfermenter species	14	93	71	86					86	79	86		79					79	86		86	79		64	64			64																	
Proteus mirabilis	175	100	69	70	76	100		95	98	97	98		96	94	58	62		99	98		99	98		59	63			93																	
Providencia stuartii	29	83	0	0	0	0		72	90	90	86		76	0	0	14		93	93		83	38		31	34			90																	
Proteus Vulgaris	11	100	82	82	0	0		0	91	64	91		45	73	0	45		100	100		100	36		73	82			73																	
Pseudomonas aeruginosa	220	97	81	93	0	0		0	84	0	85		0	0	0	0		96	85		0	80		65	64			70																	
Pseudomonas fluor/putida	10	100	100	100					80	30	100		60					90	30		70			60	70			30																	
Salmonella enterica	13								100	77	77		77	77	62	62		92	77		100	100		100	100			85																	
Strenotrophomo maltophilia	23	0	0	0	0	0		0			57		0	0	0	0			30		0	0			87			0																	
Serratia marcescens	47	91	100	91	0			0	98	85	81		81	0	0	0		85	89		100	100		98	98			89																	
Haemophilus influenzae Group A Strep	19 16							78 61					95											94				95																	
Streptococcus (Group G)	19								100	100			100											100				100																	
Staphylococcus epidermidis	191		85	99									42	42	0	41	8			42				51	51	56		24																	
Other Coag Neg Staph	210		83	96									48	49	0	49	24			49				63	64	56		35																	
Streptococcus pneumoniae	28							70	81	93	85		88	89								89			96			70	67																
Streptococcus pyogenes	42								100	100			100											100				63	61																
Staphylococcus aureus	552		96										52	52	0	51	7			52				41	43	63		34																	
Viridans group Streptococcus spp	47								75	78			78											78				61	64																
Enterococcus faecalis	224												0											70	74			19																	
Enterococcus faecium	13													8										8	8			0																	

* Denotes gentamicin at 500 mcg/mL or streptomycin at 2000 mcg/mL

2. Oxacillin:
representative drug for Methicillin,
Nafcillin, Cloxacillin/Dicloxacillin

Antibiotic Dosing Regimen

Antimicrobial Agent	Common Name	Representative Therapeutic Adult Dose	Cost/Day*	Antimicrobial Agent	Common Name	Representative Therapeutic Adult Dose	Cost/Day*
Amikacin	Amikin	IM/IV 7.5 mg/kg q12h	\$	Erythromycin		PO 250-500 mg q6h	\$
Amoxicillin/Clavulanate	Augmentin	PO 1-2 Tablets q8h	\$\$	Gentamicin	Garamycin	IM/IV 1.0-1.7 mg/kg q8h	\$
Ampicillin	Omnipen	PO 250-500 mg q6h	\$			IV High Dose q24h	\$
		IV 1.0-2.0 gm q4h	\$	Imipenem	Primaxin	IV 0.5-1.0 gm q6-8h	\$\$\$
Ampicillin/Sulbactam	Unasyn	IV 1/0.5-2/1 gm q6h	\$\$\$	Levofloxacin	Levaquin	PO/IV 500 mg q24h	\$
Azithromycin	Zithromax	PO 0.5-1 gm once				PO 400mg or 600mg q12h	\$
		then PO 250-500 mg q24h	\$\$	Linezolid	Zyvox	PO 600 mg q12h	\$\$
		IV 500 mg q24h	\$\$			IV 600mg q12h	\$\$\$\$
				Meropenem	Merrem	IV 0.5-1.0 gm q8h	\$\$
Aztreonam	Azactam	IM/IV 500 mg to 2 gm q6-12h	\$\$\$\$\$				
Cefaclor	Ceclor	PO 250-500 mg q8h	\$	Nitrofurantoin	Macrobid	PO 50-100 mg q6h	\$
Cefazolin	Ancef, Kefzol	IM 0.5-1.0 gm q8h	\$	Norfloxacine		PO 400 mg q12h	\$
		IV 1.0-2.0 gm q8h	\$	Nafcillin	Prostaphlin	IV 0.5-2.0 gm q4h	\$\$\$
Cefepime	Maxipime	IV 0.5-2.0 mg q12h	\$\$\$\$	Penicillin		PO 250-500 mg q6h	\$
Cefotaxime	Claforan	IV 1.0-2.0 gm q8-12h	\$\$			IM 0.9-1.2 mill units q6h	\$
Ceftazidime	Fortaz, Tazicef	IM/IV 1.0-2.0 gm q8-12h	\$\$\$			IV 1.0-3.0 mill units q4h	\$
				Piperacillin/Tazobactam	Zosyn	IV 3/0.375 gm q6h	\$\$\$
Ceftriaxone	Rocephin	IM/IV 1.0-2.0 gm q12-24h	\$\$\$	Rifampin	Rifadin	PO 300 mg q12h	\$
Cefuroxime	Zinacef, Kefurox	PO 250-500 mg q12h	\$\$				
		IM/IV 0.75-1.5 gm q8h	\$\$	Tetracycline		PO 250-500 mg q6h	\$
				Tobramycin	Nebcin	IM/IV 1.0-1.7 mg/kg q8h	\$
		IV 0.5-1.0 gm q6h	\$\$	Trimethoprim/Sulfamethoxazole	Bactrim, Septra	PO 1-2 tablets q12h	\$
Ciprofloxacin	Cipro	PO 250-750 mg q12h	\$\$			IV 3.3-3.6 mg/kg of	
		IV 200-400 mg q12h	\$\$\$			Trimethoprim given q8h	\$
Clindamycin	Cleocin	PO 150-300 mg q6h	\$\$	Vancomycin	Vancocin	IV 1.0 gm q12h	\$
		IV 600-900 mg q8h	\$\$				
Daptomycin	Cubicin	IV 6 to 10 mg/kg q24h	\$\$\$\$\$				
Ertapenem	Invanz	IM/IV 1 gm q24hr	\$\$\$\$\$				
* Cost/Day based on Sierra View District Hospital formulary cost							
\$:<=10 \$\$:11-20 \$\$\$:21-50 \$\$\$\$:51-75 \$\$\$\$:76-90 \$\$\$\$:>90							