



12040 NE 128th St Kirkland, Washington 98034
 Antibiotic Susceptibility of Common Organisms
 Data is % Susceptible 1/20 THROUGH 12/20

Acinetobacter baumannii ^	Citrobacter freundii ^	Enterobacter aerogenes ^	Enterobacter cloacae ^	Escherichia coli	Escherichia coli - ESBL	Klebsiella oxytoca	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens ^	Stenotrophomonas maltophilia ^	Staphylococcus aureus (MSSA)	Streptococcus pneumoniae ^	Enterococcus faecalis	Vanco Resistant Enterococcus ^	Streptococcus agalactiae (GBS)
---------------------------	------------------------	--------------------------	------------------------	------------------	-------------------------	--------------------	-----------------------	-------------------	------------------------	-----------------------	--------------------------------	------------------------------	----------------------------	-----------------------	--------------------------------	--------------------------------

Drug costs only.
 Does not include
 preparation or
 administration fees

# of Isolates Tested		Gram Negative													Gram Positive					Usual Dose For Moderate/Severe Infections	EH Cost/Day
		18	77	34	98	3592	115	114	467	280	290	76	44	25	651	291	16	256	413		
Aminoglycosides	Gentamicin	100	94	100	97	95	73	99	99	91	96	100							Gentamicin 80 mg IV Q8h ^{3,4}	\$ 3.00	
	Gentamicin-500 Synergy																78		Gentamicin-500 Synergy - Call Pharmacy	\$ 3.00	
	Tobramycin	100									99								Tobramycin 80 mg IV Q8h ^{3,5}	\$ 4.00	
Carbapenems	Meropenem	100	100	100	100	100	100	100	100	99	99							Meropenem 500 mg IV Q6h ³	\$ 14.00		
Cephalosporins	Cefazolin		0	0	0	76	0	81	87	73	0	0		100	0				Cefazolin 2 gm IV Q8h ³	\$ 3.00	
	Cefuroxime												96						Cefuroxime 500 mg PO Q12h ³	\$ 2.00	
	Ceftriaxone		88	82	80	93	0	97	98	98		93			6				Ceftriaxone 1 gm IV Q24h	\$ 2.00	
	Ceftazidime	78										98							Ceftazidime 1 gm IV Q8h ³	\$ 9.00	
	Cefepime		100	100	96	97	63	100	98	98	98	98							Cefepime 1 gm IV Q6h ³	\$ 11.00	
Penicillins	Penicillin-G													0	0	6	99		Penicillin-G 1 million units IV Q6h ³	\$ 12.00	
	Oxacillin													100	0				Oxacillin 1 gm IV Q6h	\$ 15.00	
	Ampicillin		0	0	0	65	0	0	0	83	0	0	64				98		Ampicillin 1 gm IV Q6h ³	\$ 10.00	
	Amoxicillin/Clavulanate		0	0	0	86	0	96	97	98	0	0							Augmentin 875 mg PO BID	\$ 1.00	
	Piperacillin/Tazobactam*	100	87	82	84	98	88	96	97	100	98	100							Piperacillin/Tazo 3.375 gm IV Q6h ³	\$ 10.00	
Quinolones	Ciprofloxacin	94	98	100	98	88	33	98	99	85	93	99		84	20		92		Ciprofloxacin 500 mg PO Q12h ³	\$ 0.25	
	Levofloxacin												100				93		Levofloxacin 750 mg IV or PO Q24h	\$ 0.50	
Miscellaneous	Clindamycin													85	71			61	Clindamycin 900 mg IV Q8h	\$ 11.00	
	Erythromycin ¹														72	14	15		Erythromycin 500 mg IV Q6h	\$ 280.00	
																			Azithromycin 500 mg IV daily	\$ 3.00	
																			Azithromycin 500 mg PO daily	\$ 1.00	
	Nitrofurantoin		94		38	98	88	91	29	0		0					99		Nitrofurantoin 100 mg PO Q12h ³	\$ 1.00	
	Streptomycin-2000 Synergy																77		Streptomycin 2000 Synergy - Call Pharmacy	\$ 110.00	
	Sulfa-trimethoprim		84	97	95	83	50	96	96	80		100	89	46	95	75	60		Sulfa-trimethoprim DS (800-160 mg) PO BID ³	\$ 0.25	
Tetracycline ²														92	93				Tetracycline 500 mg PO Q6h ³	\$ 12.00	
																			Doxycycline 100 mg PO Q12h	\$ 3.00	
																			Doxycycline 100 mg IV Q12h	\$ 36.00	
Vancomycin													100	100		100	0	Vancomycin 1 gm IV Q12h ³	\$ 15.00		

^ Due to small number of organisms tested, results may not be statistically valid.

* Isolates that are sensitive to Ceftriaxone are presumed sensitive to Piperacillin/Tazobactam and Cefepime even though the susceptibility is not directly assayed

¹ Susceptibility and Resistance to Azithromycin can be predicted by testing Erythromycin (β-hemolytic streptococci isolates only)

² Organisms that are susceptible to Tetracycline are also considered susceptible to Doxycycline. However, some organisms that are intermediate or resistant to Tetracycline may be susceptible to Doxycycline.

³ Drugs for which dose modifications may be required due to renal dysfunction. For dosage adjustment recommendations please call the EH pharmacy at 425-899-2761

⁴ Gentamicin 350 mg IV Q24h = \$4.00

⁵ Tobramycin 350 mg IV Q24h = \$6.00

⁶ Ceftriaxone or Penicillin therapies against S. pneumoniae should only be considered with CNS infections. The susceptibility of both of these antibiotics are 78%.

2021 EvergreenHealth Antibigram