

Veterans Administration, VISN 23 - Antibigram Analysis

Report Parameters:

Time Period: Jan 2023 - Dec 2023

Institution(s): Veterans Administration, Minneapolis

Organism(s): Gram Positive Organisms, Gram Negative Organisms, Fungal Organisms

Antimicrobial(s) Tested: All Medications Tested

Specimen Source(s): All Specimen Sources

Deduplication Criteria: First Isolate per Patient per Year per Institution

Report Run Date/Time: 01/26/24 07:43 CST

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Gram Positive Organisms	Isolates	Penicillins					Ceph 3rd Gen	Glycopepti des	Aminoglyc osides	Quinolones		Miscellaneous Antibiotics								Macrolide s	Tetracyclines			CSF Antibiotics	Synergy Antibiotics	
		Amoxicillin-Clavulanate	Ampicillin	Oxacillin	Penicillin	Piperacillin-Tazobactam	Ceftriaxone	Vancomycin	Gentamicin	Ciprofloxacin	Levofloxacin	Clindamycin	Dalfopristin-Quinupristin	Linezolid	Metronidazole	Nitrofurantoin	Rifampin	Sulfamethoxazole-Trimethoprim	Erythromycin	Doxycycline	Minocycline	Tetracycline	Ceftriaxone Csf	Gentamicin Synergy	Streptomycin Synergy	
All Specimen Sources																										
Clostridium perfringens	1*	100%*			100%*	100%*		100%*			0%*			100%*												
Enterococcus faecalis	247		100%					100%		87%	100%*				100%						100%*		63%*	100%*		
Enterococcus faecium	16*		19%*					50%*		14%*		100%*	75%*		0%*								100%*	100%*		
Enterococcus faecium (Vancomycin Resistant- VRE)	8*		0%*					0%*		0%*		100%*	75%*		0%*											
Enterococcus spp.	13*		92%*					69%*		50%*					100%*								100%*	100%*		
Propionibacterium acnes	6*	100%*			100%*	100%*		100%*			100%*			0%*												
Staphylococcus aureus	255			71%				100%		100%*	87%	100%*	100%*		100%*	98%	94%		100%*	33%*	90%					
Staphylococcus aureus (Methicillin Resistant- MRSA)	78			1%				100%			82%	100%*	100%*		100%*	99%	87%			17%*	79%					
Staphylococcus epidermidis	35			54%				97%			54%*		100%*		100%*	100%	71%			100%*	82%					
Staphylococcus epidermidis (Methicillin Resistant- MRSE)	16*			0%*				100%*			36%*		100%*			100%*	56%*			100%*	75%*					
Staphylococcus lugdunensis	43			95%				100%		100%*	82%					100%	98%			100%*	95%					
Staphylococcus spp.	63			83%				100%	100%*	100%*	75%					98%	95%			100%*	90%					
Streptococcus agalactiae (Group B Streptococcus)	2*				100%*			100%*			50%*															
Streptococcus anginosus	6*				100%*		100%*	100%*													100%*					
Streptococcus intermedius	2*				100%*		100%*	100%*																		
Streptococcus pneumoniae	14*				79%*		100%*	100%*		100%*	93%*						71%*	64%*			79%*	71%*				
Streptococcus sanguinis	1*				0%*		100%*	100%*		100%*																

* Data for fewer than 30 isolates per organism, per selected time frame is not statistically significant according to CLSI standards.

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Gram Negative Organisms	Isolates	Penicillins					Ceph 1st Gen	Ceph 3rd Gen		Ceph 4th Gen	Carbapenems			Glycopeptides	Aminoglycosides			Quinolones			Miscellaneous Antibiotics					Tetracyclines
		Amoxicillin-Clavulanate	Ampicillin	Ampicillin-Sulbactam	Penicillin	Piperacillin-Tazobactam	Cefazolin	Ceftazidime	Ceftriaxone	Cefepime	Ertapenem	Imipenem-Cilastatin	Meropenem	Vancomycin	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Moxifloxacin	Aztreonam	Clindamycin	Metronidazole	Nitrofurantoin	Sulfamethoxazole-Trimethoprim	Tetracycline
All Specimen Sources																										
Acinetobacter spp.	6*			100%*		100%*		83%*	67%*	100%*		100%*			100%*	100%*	100%*	100%*							100%*	
Bacteroides fragilis group	1*	100%*			0%*	100%*								0%*								100%*	100%*			
Bacteroides spp.	1*	100%*			0%*	100%*								0%*								100%*	100%*			
Citrobacter freundii	24*			0%*		79%*		79%*	75%*		100%*	100%*				96%*		92%*						100%*	83%*	
Citrobacter koseri	25*					100%*		100%*	100%*		100%*	100%*				100%*		100%*						100%*	100%*	
Citrobacter spp.	2*					100%*		100%*	100%*		100%*	100%*				100%*		100%*						100%*	100%*	
Enterobacter cloacae	71			33%*		92%		86%	86%	100%*	94%	97%	100%*			99%		94%						63%	94%	100%*
Escherichia coli	396			70%		98%	93%	97%	95%		100%	100%	100%*			93%		85%	0%*					99%	83%	
Escherichia coli, ESBL	18*			33%*		100%*	0%*	53%*	0%*		100%*	100%*	100%*			61%*		28%*	0%*					93%*	33%*	
Haemophilus influenzae	1*		100%*						100%*											100%*					100%*	100%*
Klebsiella aerogenes	27*			0%*		91%*		81%*	91%*	100%*	100%*	81%*	100%*			100%*		100%*						53%*	96%*	
Klebsiella oxytoca	70			67%		91%		100%	90%		100%	100%				99%		99%						98%	96%	
Klebsiella pneumoniae	153			90%		99%	96%	95%	95%		100%	100%				98%		95%						40%	94%	
Klebsiella pneumoniae, ESBL	8*			0%*		100%*	0%*	0%*	0%*		100%*	100%*				63%*		50%*						40%*	13%*	
Morganella morganii	39			10%		100%		95%	97%		100%	34%				97%		90%						0%*	92%	
Proteus mirabilis	87			92%		100%	98%	100%	100%		100%	31%				95%		89%						0%	91%	
Proteus spp.	4*			25%*		100%*		100%*	75%*		100%*	0%*				100%*		100%*						0%*	100%*	
Proteus vulgaris	9*			67%*		100%*		100%*	89%*		100%*	22%*				100%*		100%*						0%*	89%*	
Providencia spp.	10*			80%*		100%*		90%*	100%*		100%*	90%*				100%*		100%*						0%*	100%*	
Providencia stuartii	6*			17%*		100%*		100%*	100%*		100%*	17%*				0%*		83%*						0%*	100%*	
Pseudomonas aeruginosa	130					88%		93%		95%		91%			100%*	98%	100%	92%			100%*					
Pseudomonas spp.	5*					80%*		100%*		100%*		100%*			100%*	100%*	100%*	100%*			100%*				0%*	
Raoultella spp.	4*			75%*		100%*		75%*	75%*		100%*	100%*				75%*		100%*						100%*	50%*	
Salmonella spp.	2*		100%*					100%*	100%*										100%*						100%*	
Serratia marcescens	27*							100%*	93%*		100%*					100%*		100%*						0%*	100%*	
Stenotrophomonas maltophilia	10*							0%*											100%*						100%*	

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Veterans Administration, VISN 23 - Antibiogram Analysis

Fungal Organisms	Isolates	Antifungals	
		Fluconazole	Voriconazole
All Specimen Sources			
Candida albicans	2*	100%*	100%*
Candida non-albicans	1*	100%*	100%*
Candida parapsilosis	1*	100%*	100%*

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