

CHI - Antibigram Analysis

Report Parameters:

Time Period: Dec 2022 - Nov 2023

Institution(s): 4-CHI St. Alexius Health - Devils Lake

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: 01/04/24 15:41 CST

CHI - Antibioqram Analysis

Gram Positive Organisms	Isolates	Penicillins		Ceph 3rd Gen	Glycopeptides	Aminoglycosides	Quinolones			Miscellaneous Antibiotics						Macrolides		Tetracyclines		Synergy Antibiotics
		Ampicillin	Penicillin	Ceftriaxone	Vancomycin	Gentamicin	Ciprofloxacin	Levofloxacin	Moxifloxacin	Clindamycin	Daptomycin	Linezolid	Nitrofurantoin	Rifampin	Sulfamethoxazole-Trimethoprim	Azithromycin	Erythromycin	Doxycycline	Tetracycline	Gentamicin Synergy
All Specimen Sources																				
Enterococcus faecalis	35	100%	100%		100%		68%	84%		100%*	94%	100%						32%	83%	
Enterococcus faecium	3*	33%*	33%*		33%*		33%*	33%*			67%*	67%*						0%*	100%*	
Enterococcus faecium (Vancomycin Resistant- VRE)	2*	0%*	0%*		0%*		0%*	0%*			50%*	50%*						0%*	100%*	
Staphylococcus aureus	93		26%		100%	97%	58%	59%	96%	82%	100%*	100%	100%*	97%	98%	54%	54%	95%		
Staphylococcus aureus (Methicillin Resistant- MRSA)	29*		0%*		100%*	97%*	10%*	14%*	83%*	81%*		100%*	100%*	93%*	93%*	19%*	19%*	97%*		
Staphylococcus epidermidis	11*		0%*		100%*	91%*	73%*	73%*	100%*	50%*		100%*	100%*	100%*	73%*	50%*	50%*	82%*		
Staphylococcus lugdunensis	1*		100%*		100%*	100%*	100%*	100%*	100%*	100%*		100%*		100%*	100%*	100%*	100%*	100%*		
Staphylococcus spp.	19*		47%*		89%*	95%*	89%*	89%*	100%*	67%*		100%*	100%*	95%*	100%*	50%*	33%*	79%*		
Streptococcus agalactiae (Group B Streptococcus)	40		100%					100%				100%								
Streptococcus pneumoniae	6*		100%*	100%*	100%*			100%*						100%*		100%*	0%*			
Streptococcus viridans group	1*		100%*	100%*	100%*			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 2nd Gen	Ceph 3rd Gen	Ceph 4th Gen	Carbapenems		Aminoglycosides		Quinolones		Miscellaneous Antibiotics			Tetracyclines
		Ampicillin	Ampicillin-Sulbactam	Piperacillin-Tazobactam	Cefazolin	Cefoxitin	Ceftriaxone	Cefepime	Ertapenem	Meropenem	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Aztreonam	Nitrofurantoin	Sulfamethoxazole-Trimethoprim	Tetracycline
All Specimen Sources																		
Citrobacter freundii	3*	0%*	0%*		0%*	0%*		100%*	100%*	100%*	100%*	100%*	100%*		100%*	100%*	100%*	
Citrobacter koseri	4*	0%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*		100%*	100%*	100%*	100%*	100%*	75%*	100%*	100%*
Citrobacter spp.	4*	0%*			0%*	0%*		100%*	100%*	100%*	100%*	100%*	100%*		100%*	100%*	100%*	
Enterobacter cloacae	10*	0%*	0%*	0%*	0%*	0%*	0%*	100%*	100%*	100%*	100%*	100%*	100%*	0%*	60%*	100%*	100%*	
Enterobacter spp.	4*	0%*	0%*	100%*	0%*	0%*	50%*	100%*	100%*		100%*	100%*	100%*	100%*	50%*	25%*	100%*	100%*
Escherichia coli	249	60%	67%	99%	90%	99%	99%	98%	100%	100%*	92%	92%	87%	87%	98%	98%	83%	82%
Klebsiella aerogenes	5*	0%*	0%*		0%*	0%*	0%*	100%*	100%*	100%*	100%*	100%*	100%*		25%*	100%*	100%*	
Klebsiella oxytoca	13*	0%*	77%*	100%*	46%*	100%*	100%*	92%*	100%*	100%*	100%*	100%*	100%*	100%*	92%*	100%*	100%*	100%*
Klebsiella pneumoniae	38	0%	97%	100%	97%	100%	97%	97%	100%	100%*	100%	100%	100%	100%	97%	65%	97%	100%
Morganella morganii	5*	0%*	0%*		0%*	0%*	0%*	100%*	80%*	100%*	100%*	100%*	80%*	80%*		0%*	60%*	60%*
Proteus mirabilis	24*	67%*	79%*	100%*	75%*	92%*	92%*	96%*	100%*	100%*	88%*	88%*	88%*	96%*	88%*	0%*	79%*	0%*
Proteus vulgaris	3*	0%*	100%*	100%*	0%*	100%*	33%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	67%*	0%*	100%*	0%*
Providencia spp.	2*		0%*		0%*			100%*	100%*		100%*	100%*	100%*	100%*	0%*	0%*	100%*	0%*
Pseudomonas aeruginosa	20*			0%*				90%*		100%*	95%*	100%*	95%*	90%*	0%*			
Pseudomonas spp.	2*			100%*			100%*	100%*		100%*	100%*	100%*	100%*	100%*	100%*		50%*	100%*
Raoultella spp.	1*	0%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*		100%*	100%*
Salmonella spp.	1*	100%*					100%*						100%*	100%*			100%*	
Serratia marcescens	2*	0%*	0%*		0%*	0%*	0%*	100%*	100%*		100%*	100%*	100%*	100%*		0%*	100%*	50%*

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Fungal Organisms

No susceptibility data found for the selected criteria.