KADLEC REGIONAL MEDICAL CENTER

2023 Kadlec Regional Medical Center - Inpatient Antibiogram

Numbers = % susceptible, R = instrinsic resistance, S = inferred susceptibility, Blank = not tested/reported

Calculated from 1st isolate per patient per year using KRMC inpatient 2022 culture data

Gram-Postive Organisms	n	Ampicillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Clindamycin	Erythromycin	Gentamicin	Levofloxacin	Linezolid	Minocycline	Nitrofurantoin	Oxacillin	Penicillin G	Penicillin (non-meningitis)	Penicillin (meningitis)	Penicillin (oral)	Tetracycline	Trimethoprim + Sulfamethoxazole	Vancomycin	Daptomycin
Enterococcus faecium	**47**	59	R	R	R		14	100	50	88		58	R	61				37	R	82	
Enterococcus faecalis	**315**	100	R	R	R		13		85	100	25	100		99				39		99	100
Staphylococcus aureus	**560**					73	48	99		100	100	100	62					93	95	100	100
MSSA	**355**		S			82	70	99		100	100	100	100					95	97	100	100
MRSA (38%)	**222**	R	R	R		57	10	98		100	100	100	R					89	93	100	100
*Staphylococcus (coagulase-negative)***	**357**					67	48	91	75	100	100	98	53					85	74	98	
Streptococcus pneumoniae ‡	**34**			100	90	84	75		100	100				97	100	75	75	81	79	100	
*Streptococcus viridans group***	**31**	84		100		72	51		83	96				84				78		100	

** Susceptibility rates for reported organisms calculated using culture data from both KRMC and WSM.

‡ *S. pneumoniae:* lower MICs are used to determine susceptibilities for CNS isolates and when using oral penicillins.

- Erythromycin susceptibilities predicts S for azithromycin and clarithromycin for *S. pneumoniae.*
- Tetracycline susceptibilities predicts S for doxycycline and minocycline for *S. pneumoniae.*

Gram-Negative Organisms	n	Amikacin	Ampicillin	Ampicillin + Sulbactam	Amoxicillin + Clavulanate	Cefazolin (urine)*	Cefepime	Ceftazidime	Ceftriaxone	Ertapenem	Ciprofloxacin	Gentamicin	Imipenem + Cilastatin	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin	Piperacillin + Tazobactam	Tetracycline	Tobramycin	Trimethoprim + Sulfamethoxazole
*Acinetobacter***	**47**	100	R	94	R	R	88	80	37	84	94	100	100	94	100			75	100	100	95
Citrobacter freundii	**39**	100	R	R	R	R	100	84	84	100	97	97		93	100		96	82	100	97	92
Enterobacter cloacae complex	**86**	100	R	R	R	R	84	80	76	100	97	95		91	98		35	86	80	96	94
Escherichia coli	**1137**	96	63	72	88	87	97	92	91	100	82	92		82	99		97	93	76	92	80
Klebsiella (Enterobacter) aerogenes	**54**	100	R	R	R	R	95	77	81	98	98	100		100	100		25	75	83	98	100
Klebsiella oxytoca	**90**	100	R	73	95	83	100	98	98	100	98	100		96	100		88	88	91	98	94
Klebsiella pneumoniae	**191**	100	R	90	94	96	100	98	99	100	97	98		95	100		38	95	92	99	96
*Morganella morganii***	**43**	100	R	R	R	R	100	90	100	76	100	88	25	72	100		R	100	16	93	74
Proteus mirabilis	**136**	100	79	86	89	88	100	97	95	100	81	96	20	82	100		R	100	R	97	81
Pseudomonas aeruginosa	**201**	100	R	R	R	R	88	91	R	R	92			93	97		R	90	R	99	
*Serratia species***	**56**		R	R	R	R	100	96	96	98	94	98		100	100		R	80	R	91	98
*Stenotrophomonas maltophilia***	**37**	R	R	R	R	R	R	20	R	R		R	R	81	R	100		R		R	86

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* Cefazolin susceptibility rates may be used to predict results for oral cephalosporins (cephalexin, cefuroxime, cefpodoxime) for uncomplicated UTIs caused by E. coli, K. pneumoniae, and P. mirabilis. Applicable only for urinary isolates.

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