

2017 Antibigram: Percent Susceptibility

WVU Medicine: J.W. Ruby Memorial Hospital

Gram-positive Bacteria		# isolates	Ampicillin	Cefazolin	Ceftriaxone	Clindamycin	Daptomycin ⁺	Doxycycline ²	Gentamicin	Levofloxacin	Linezolid	Nafcillin	TMP/SMX	Vancomycin
Enterococcus faecalis		721	98%	---	---	---	100%	---	^S 73%	---	99%	---	---	98%
Enterococcus faecium		224	13%	---	---	---	91%	---	^S 80%	---	100%	---	---	25%
Staph. aureus	MSSA	1113	---	100%	---	73%	100%	95%	^S 99%	---	100%	100%	99%	100%
	MRSA	961	---	---	---	63%	98%	95%	^S 97%	---	99%	---	96%	100%
Staph, coagulase negative Frequently a contaminant		570	---	---	---	---	100%	85%	---	---	100%	---	65% ⁺	100%
Streptococcus pneumoniae Non-meningitis		69	98%	---	94%	---	---	62%	---	98%	---	---	---	100%

Gram-negative Bacteria		# isolates	Amox/Clav	Amikacin	Aztreonam ⁺	Cefepime	Ceftazidime	Ceftriaxone	Ciprofloxacin	Gent/Tobra	Levofloxacin	Meropenem	Pip/tazo	TMP/SMX
Enterobacter aerogenes		104	---	100%	---	100%	83%	79%	99%	96%	99%	100%	82%	98%
Enterobacter cloacae		232	---	97%	---	83%	59%	58%	90%	88%	90%	90%	66%	87%
Escherichia coli		3795	81%	99%	---	98%	---	94%	80%	93%	80%	---	---	76%
Klebsiella spp.		1022	92%	99%	---	97%	96%	95%	---	95%	---	---	---	88%
Proteus mirabilis		319	98%	100%	---	99%	99%	99%	74%	87%	76%	---	---	74%
Pseudomonas aeruginosa		736	---	94%	72%	87%	86%	---	74%	G: 87% T: 96%	74%	86%	89%	---
Serratia marcescens		188	---	100%	---	100%	100%	96%	---	G: 97% T: 88%	---	100%	98%	---
Stenotrophomonas spp.		91	---	---	---	---	55%	---	---	---	83%	---	---	90%

KEY: S= synergy- use combination therapy, --- = not routinely tested/recommended, TMP/SMX= trimethoprim/sulfamethoxazole, += not all isolates tested, ~Tetracycline is tested as the marker for doxycycline- susceptibility may be underestimated; yellow highlighted areas indicate decrease in susceptibility from 2015 antibiogram of 5% or more

Additional information available on WVU Antimicrobial Website