



Marshfield Clinic Health System

2021 Inpatient Cumulative Antibigram

Contact Dr. Thomas Novicki at ext. 16300 (715-221-6300) for additional information regarding this report. Contact the Marshfield Clinic Pharmacy Drug Information Service at ext. 19800 (715-221-9800) for dosing and other drug information.

% Susceptible	Citrobacter freundii	Entrobacter cloacae	Escherichia coli	Klebsiella aerogenes	Klebsiella oxytoca	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Stenotrophomonas maltophilia
Maximum # of Isolates Tested	49	89	1616	31	84	302	144	257	36	52 [1]
Ampicillin	-	-	63%	-	0%	0%	89%	-	-	-
Amoxicillin/Clavulanic Acid	0%	1%	87%	0%	90%	94%	93%	-	0%	-
Piperacillin/Tazobactam	90%	76%	97%	63%	89%	97%	100%	92%		-
Ceftazidime	88%	73%	97%	65%	100%	97%	100%	94%	100%	54%
Ceftriaxone	88%	73%	94%	65%	92%	96%	99%	-	94%	-
Cefepime	100%	97%	98%	97%	100%	99%	100%	93%	100%	-
Meropenem	100%	100%	100%	100%	100%	100%	100%	94%	100%	-
Amikacin	100%	100%	100%	100%	100%	100%	100%	100%	100%	-
Gentamicin	94%	97%	95%	100%	100%	98%	94%	97%	100%	-
Tobramycin	98%	97%	95%	100%	100%	97%	94%	100%	92%	-
Ciprofloxacin	96%	94%	85%	87%	100%	94%	83%	87%	94%	-
Levofloxacin	88%	93%	82%	87%	99%	91%	81%	72%	89%	88%
Minocycline	-	-	-	-	-	-	-	-	-	100%
Tetracycline	82%	92%	85%	94%	95%	87%	0%	-	39%	-
Nitrofurantoin	92%	40%	97%	16%	81%	26%	0%	-	0%	-
Trimethoprim/Sulfamethoxazole	84%	93%	85%	100%	95%	93%	85%	-	100%	100%

Note

[1] Inpatient and outpatient isolates.

% Susceptible	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	<i>Staphylococcus aureus</i>	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus anginosus</i>	<i>Streptococcus constellatus</i>	<i>Streptococcus pneumoniae</i>
Maximum # of Isolates Tested	357	45	659	253	40	91	45	31	32 [1]
Ampicillin	100%	33%	-	-	-	100%	100%	77%	97% [2]
Amoxicillin	-	-	-	-	-	-	-	-	[3]
Oxacillin	-	-	69%	35%	78%	-	-	-	-
Penicillin IV, Meningeal	-	-	-	-	-	-	-	-	59%
Penicillin IV, Nonmeningeal	100%	31%	24%	-	-	100%	93%	48%	97%
Penicillin Oral	-	-	-	-	-	-	-	-	59%
Ceftaroline	-	-	100%	-	-	-	-	-	-
Ceftriaxone, Meningeal	-	-	-	-	-	-	-	-	100%
Ceftriaxone, Nonmeningeal	-	-	-	-	-	-	-	-	100%
Meropenem	-	-	-	-	-	-	-	-	80%
Clindamycin	-	-	80%	58%	80%	51%	82%	70%	-
Erythromycin	11%	9%	61%	30%	83%	44%	70%	63%	62%
Daptomycin	-	-	100%	100%	100%	-	-	-	-
Gentamicin	-	-	99%	87%	100%	-	-	-	-
Levofloxacin	83%	24%	77%	57%	98%	98%	100%	100%	97%
Linezolid	98%	98%	100%	100%	100%	100%	100%	100%	-
Nitrofurantoin	99%	11%	100%	99%	100%	-	-	-	-
Rifampicin	-	-	100%	99%	100%	-	-	-	-
Tetracycline	27%	33%	91%	79%	95%	16%	49%	71%	50%
Trimethoprim/Sulfamethoxazole	-	-	98%	57%	98%	-	-	-	77%
Vancomycin	100%	53%	100%	100%	100%	100%	100%	100%	100%

Notes

[1] Inpatient and outpatient isolates.

[2] Predicted by susceptibility to standard dose IV penicillin in non-meningeal infections.

[3] Based on susceptibility testing of *S. pneumoniae* to oral penicillin, at least 90% of pneumococcal isolates are predicted to respond to high dose oral amoxicillin (in children: 80-100 mg/kg/day divided TID; adult dose and maximum dose in children: 1 gram TID).

