



Marshfield Clinic Health System

2021 Outpatient 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	Citrobacter koseri	Enterobacter cloacae	Escherichia coli	Klebsiella aerogenes	Klebsiella oxytoca	Klebsiella pneumoniae	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Stenotrophomonas maltophilia
Maximum # of Isolates	85	65	129	3868	60	128	559	31	212	329	52	52 [1]
Ampicillin	-	-	-	69%	-	0%	0%	3%	82%	-	-	-
Amoxicillin/Clavulanic Acid	0%	97%	0%	90%	0%	95%	97%	6%	87%	-	2%	-
Piperacillin/Tazobactam	95%	100%	90%	98%	92%	95%	99%	97%	100%	95%	-	-
Cefazolin (Urine)	-	-	-	94%	-	-	97%	-	99%	-	-	-
Ceftazidime	94%	100%	90%	98%	93%	100%	99%	87%	100%	98%	100%	54%
Ceftriaxone	92%	100%	88%	96%	92%	95%	98%	94%	100%		94%	-
Cefepime	100%	100%	100%	99%	100%	100%	100%	97%	100%	98%	100%	-
Meropenem	100%	100%	100%	100%	100%	100%	100%	100%	100%	94%	100%	-
Amikacin	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	98%	-
Gentamicin	95%	98%	99%	96%	100%	99%	99%	87%	92%	97%	96%	-
Tobramycin	99%	100%	98%	96%	100%	98%	98%	97%	92%	99%	90%	-
Ciprofloxacin	99%	100%	98%	89%	100%	98%	94%	87%	87%	91%	92%	-
Levofloxacin	94%	98%	94%	86%	97%	98%	92%	87%	86%	76%	92%	88%
Minocycline	-	-	-	-	-	-	-	-	-	-	-	100%
Tetracycline	88%	100%	92%	85%	93%	97%	89%	52%	0%	-	35%	-
Nitrofurantoin	92%	77%	34%	98%	8%	82%	22%	0%	0%	-	0%	-
Trimethoprim/Sulfamethoxaz	89%	100%	91%	87%	98%	96%	94%	81%	88%	-	100%	100%

Note

[1] Inpatient and outpatient isolates.

% Susceptible	Enterococcus faecalis	Staphylococcus aureus	Staphylococcus epidermidis	Staphylococcus haemolyticus	Staphylococcus intermedius	Staphylococcus lugdunensis	Streptococcus agalactiae	Streptococcus pneumoniae
Maximum # of Isolates Tested	469	895	434	40	53	43	137	32 [1]
Ampicillin	100%	-	-	-	-	-	100%	97% [2]
Amoxicillin	-	-	-	-	-	-	-	[3]
Oxacillin	-	76%	43%	28%	87%	86%	-	-
Penicillin, IV, Meningeal	-	-	-	-	-	-	-	59%
Penicillin, IV, Nonmeningeal	100%	22%	-	-	-	-	100%	97%
Penicillin, Oral	-	-	-	-	-	-	-	59%
Ceftaroline	-	100%	-	-	-	-	-	-
Ceftriaxone, Meningeal	-	-	-	-	-	-	-	100%
Ceftriaxone, Nonmeningeal	-	-	-	-	-	-	-	100%
Meropenem	-	-	-	-	-	-	-	80%
Clindamycin	-	80%	62%	28%	77%	86%	41%	-
Erythromycin	11%	61%	38%	15%	70%	86%	34%	62%
Daptomycin	-	100%	100%	100%	100%	100%	-	-
Gentamicin	-	99%	89%	55%	79%	98%	-	-
Levofloxacin	89%	79%	60%	35%	87%	100%	99%	97%
Linezolid	97%	100%	100%	100%	100%	100%	100%	-
Nitrofurantoin	100%	100%	100%	98%	100%	100%	-	-
Rifampicin	-	100%	99%	93%	100%	100%	-	-
Tetracycline	28%	92%	79%	83%	58%	98%	22%	50%
Trimethoprim/Sulfamethoxazole	-	98%	55%	63%	79%	98%	-	77%
Vancomycin	100%	100%	99%	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).

