

**University of New Mexico Hospital ED  
January 1- December 31, 2017 Inpatient Antibiogram**

**Gram Negative Non-Urine Isolates**

	# isolates	Amikacin	Gentamicin	Tobramycin	Ampicillin	Ampicillin-Sulbactam	Piperacillin-Tazobactam	Aztreonam	Cefazolin	Ceftriaxone	Cefepime	Ertapenem	Meropenem	Ciprofloxacin	Trimethoprim-Sulfamethoxazole
<i>Escherichia coli</i>	56	100.0%	91.1%	89.3%	53.6%	58.9%	100.0%	89.3%	85.7%	87.5%	89.3%	100.0%	100.0%	73.2%	75.0%

**Gram Negative Urine Isolates**

	# Isolates	Amikacin	Gentamicin	Tobramycin	Ampicillin	Ampicillin-Sulbactam	Piperacillin-Tazobactam	Aztreonam	Cefazolin	Ceftriaxone	Cefepime	Ertapenem	Meropenem	Ciprofloxacin	Nitrofurantoin (A)	Trimethoprim-Sulfamethoxazole
<i>Escherichia coli</i>	688	100.0%	94.1%	93.8%	50.8%	56.5%	96.8%	96.1%	88.0%	95.3%	95.2%	99.6%	99.9%	83.5%	97.8%	71.1%
<i>Klebsiella pneumoniae</i>	114	100.0%	99.1%	99.1%		84.2%	95.6%	95.6%	91.2%	95.6%	95.6%	100.0%	100.0%	98.2%	36.8%	96.5%
<i>Proteus mirabilis</i>	48	97.9%	91.7%	91.7%	68.8%	89.6%	100.0%	100.0%	66.7%	93.8%	100.0%	100.0%	Not Tested	66.7%		70.8%
<i>Pseudomonas aeruginosa</i>	51	100.0%	98.0%	96.1%			90.2%	80.4%			96.1%		92.0%	70.6%		

Isolates included in this antibiogram are from the hospital emergency department. Black shaded antibiotics have no coverage. Gray Shaded antibiotics are <50% susceptible or not Tested.

A. Nitrofurantoin is approved for use only for uncomplicated urinary tract infections. Avoid if creatinine clearance <60 ml/min.

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**Gram Positive Non-Urine Isolates**

	# Isolates	Penicillin G	Ampicillin	Ampicillin-Subbactam	Nafcillin (Oxacillin) (A)	Cefazolin	Ceftriaxone	Gentamicin	Minocycline	Tetracycline (Doxycycline)	Clindamycin	Azithromycin (Erythromycin)	Vancomycin	Daptomycin	Linezolid	Moxifloxacin	Trimethoprim-Sulfamethoxazole
<i>Staphylococcus aureus</i>	160	Not Tested		See Oxacillin	55.0%	See Oxacillin	See Oxacillin	100.0%	96.9%	90.0%	82.5%	36.3%	99.4%	99.4%	100.0%	61.3%	96.9%
<i>Streptococcus pneumoniae</i>	16*	93.8% 93.8%†	See Penicillin	See Penicillin		Not Tested	100.0% 100.0%		Not Tested	100.0%	93.3%	86.7%	100.0%		100.0%	100.0%	87.5%

**Gram Positive Urine Isolates**

	# Isolates	Penicillin G	Ampicillin	Ampicillin-Subbactam	Nafcillin (Oxacillin) (A)	Cefazolin	Ceftriaxone	Gentamicin	Minocycline	Tetracycline (Doxycycline)	Vancomycin	Daptomycin	Linezolid	Nitrofurantoin (B)	Trimethoprim-Sulfamethoxazole
<i>Enterococcus faecalis</i>	57	See Ampicillin	100.0%						22.8%	19.3%	100.0%	98.2%	98.2%	100.0%	

Isolates included in this antibiogram are from the hospital emergency department. Black shaded antibiotics have no coverage. Gray Shaded antibiotics are <50% susceptible or not Tested.

A. Oxacillin resistance implies methicillin resistant *S. aureus*. MRSA is approximately 45% for isolates from all sources.

B. Nitrofurantoin is approved for use only for uncomplicated urinary tract infections. Avoid if creatinine clearance <60 ml/min.

†Breakpoints differ for ceftriaxone and penicillin based on diagnosis of meningitis. This susceptibility is calculated using meningitis breakpoints.

\*Organisms with <30 isolates have limited statistical significance of the result.