Nebraska Medical Center Urinary Antibiogram

Urine culture data from 6/2012-6/2013 was utilized to develop the following charts demonstrating The Nebraska Medical Center susceptibility rates of uropathogens. This data should serve as a guide for initial empiric antimicrobial therapy for pyelonephritis and complicated UTIs and also as guidance to evaluate the activity of specific agents when early identification data is available (i.e. lactose-fermenting Gram-negative rods or Enterococci). As per above, once susceptibility results are available, antimicrobials should be tailored appropriately.

Gram-Negative Organisms Isolated from the Urine

% Susceptible	*E. coli* (N=2014)	*Klebsiella pneumoniae* (N=405)	*Proteus mirabilis* (N=184)	*Pseudomonas aeruginosa* (N= 134)	Enteric (Lactose-Fermenting) Gram-neg rods	Non-lactose Fermenting Gram-neg rods (oxidase neg)
Amikacin	99.7	100	98.9	95.5	99.8	98.6
Ampicillin	58.5	4.4	84.8	XX	47.5	76.9
Ampicillin/sulbactam	61.5	84.9	92.9	XX	64.4	86.5
Cefepime	97.3	99.3	100	84.7	97.4	100
Cefuroxime (parenteral)	91.7	93.8	100	XX	89.3	91.3
Ceftriaxone	95.9	98.1	100	XX	94.3	98.4
Cephalothin	29.5	87.7	85.6	XX	37.3	71.2
Ciprofloxacin	79.6	97.5	69	68.9	82.6	67.8
Levofloxacin	79.9	98.5	73.9	66.4	83.4	72.6
Ertapenem	100	100	100	XX	99.8	100
Gentamicin	92.9	99	91.3	75.4	94.2	90.4
Imipenem	99.8	99.8	23.4	76.7	99.3	22.6
Meropenem	99.9	100	100	76.1	99.8	99.5
Nitrofurantoin	97.7	43.3	0	XX	86.2	0.5
Piperacillin/tazobactam	97.8	98	99.5	86.8	96.7	99.5
Tobramycin	92.9	99.7	91.3	96	94.3	89.9
TMP/SMX (Bactrim)	77.8	90.4	78.3	XX	80.2	77.4

XX=not generally susceptible

Gram-Positive Organisms Isolated from the Urine

% Susceptible	Enterococcus faecalis (N=292)	Enterococcus faecium (N=60)	Enterococcus (species pending)	Staphylococcus aureus (N=82)
Ampicillin	100	8.1	83.9	XX
Oxacillin	XX	XX	XX	54.9
TMP/SMX (Bactrim)	XX	XX	XX	100
Daptomycin	100	61.4	97.7	100
Levofloxacin	68.7	6.6	57.6	47.6
Linezolid	99.3	98.4	98.6	100
Nitrofurantoin	99	14.8	83.9	100
Vancomycin	98.3	21.3	84.5	100

XX=not generally susceptible