

NEW HANOVER REGIONAL MEDICAL CENTER

Percent Susceptible

(A blank box can mean that drug is inappropriate for that bacteria or that a simpler drug in that class can usually be used)

Data from: January to December 2016		Pennicilins and Cephalosporins					Beta Lactam + Inhibitor		Carba-penems	Fluoroquinolones		Aminoglycosides		Others		
Gram Negative Organisms	Maximum Number of Isolates	Ampicillin	Cefazolin ^c	Cefepime ^{c,d}	Cefotetan ^c	Ceftriaxone ^c	Ampicillin/ Sulbactam	Piperacillin/ Tazobactam ^d	Imipenem	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Aztreonam	Nitrofurantoin ^b	Trimethoprim/ Sulfa
		Escherichia coli	2706	52	83↓	94↓	100	92↓	57	97	99↓	76↑	77↑	92↑	91	94↓
Klebsiella pneumoniae	698	a	94↓	99	99	99	86↑	97	99↓	97↑	97	98	98↓	99	45↓	93↑
Proteus mirabilis	338	84↓	80↓	98↓	99	97↓	92↓	100↑	97	77↓	80↓	94↑	94	100↑	a	86↑
Enterobacter aerogenes	76	a	a	94↓	82	g	45↑	84↓	100	100	100↑	100↑	100↑	76↓	a	100↑
Enterobacter cloacae	213	a	a	87↓	83↓	g	a	80	92↓	94↑	96↑	96↑	95↓	78↑	a	90↑
Citrobacter freundii complex	98	a	a	100↑	95↓	84↑	78↑	92↑	100	99↑	98↑	94↑	96↑	89↑	98↑	93↑
Providencia species	46	a	a	97↓	97	97↑	a	99↑	98	a	a	80↓	81	78↓	a	85↓
Serratia marcescens	137	a	a	98↓	98↓	92↓	a	94↑	96↓	95↑	99↑	99	92↓	98↑	a	99↑
Acinetobacter baumannii complex	61			85↑		76↑	96↑			74↑	80↑	76↓	89↓			83↑
Pseudomonas aeruginosa	528			91↑		a		86↓	84↓	79↑	75↑	95↑	98↑	81↑		
Stenotrophomonas maltophilia	63										90↑					97↓
Salmonella species	96	90↓		100		97			100	100	95					98↓
Shigella sonnei	41 ^f									100						65↓
Morganella morganii	74	a	a	100↑	96	86↓	a	98	96	90↓	74↑	86↑	85↓	96↑	a	65↓

Notes:

- a) Not active in-vivo and/or less than 35% susceptible
- b) For use with urinary tract isolates only
- c) Cefazolin represents first generation cephalosporin, Cefotetan 2nd Generation (Cephamycin), Ceftriaxone and Ceftazidime 3rd Generation, Cefepime 4th Generation
- d) Included for use with organisms resistant to multiple antibiotics, usually requires approval from Infectious Disease Service
- e) Total number of organisms may not be applicable for each drug or maybe less than the total listed for some drugs
- f) Data for this isolate is from Jan 2010 to Dec 2014 since we had no isolates this year
- g) Not reported due to increasing resistance in these organisms, consultation with Infectious Disease Service recommended
- ↑ Susceptibility has gone up from last year
- ↓ Susceptibility has gone down from last year