

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		Penicillins and Cephalosporins					Aminoglycosides			Others						
Gram Positive Organisms	Maximum Number of Isolates	Amoxicillin/Clav	Ampicillin	Oxacillin ^c	Penicillin-G	Ceftriaxone ^c	Gentamicin	Gentamicin 500 Synergy Screen ^d	Streptomycin 2000 Synergy Screen ^d	Clindamycin ^{g,i}	Erythromycin ^j	Imipenem ^e	Nitrofurantoin ^b	Tetracycline	Trimethoprim/ Sulfa	Vancomycin ^e
Enterococcus species ^f	54		88↑		77↑			95↓	94↑		a		75↓	a		85↓
Enterococcus faecalis	817		99↓		99↓			79	85		16		99↓	30↑		100
Enterococcus faecium	65		59↑		50↑			90↑	80		a		50↓	28↓		97↑
Staphylococcus aureus (Total)	2250	56↓		50	a	50	98↑			78↑	a	50	100↑	95↑	99	100
Staph aureus (MSSA)	1014	99↓		100	a	100	99↑			80	64↓	100	100	95↑	100↑	100
Staph aureus (MRSA)	1236						96			65↓	a		100↑	89↓	98	100
CNS species	809	100↑		65↑	a	81↓	92↑			67↓	a		99↑	81↑	86↑	99
Staphylococcus epidermidis (Total)	1188	a		a	a	a	82↑			64↓	a	a	100	86↑	60↑	100
Staph epidermidis (MRSE)	582	a		a	a	a	67↓			51↑	a	a	100	80↓	50↑	100
Staph epidermidis (MSSE)	606	99		99	a	98↓	98			76↑	a	a	100	91	74	100
Streptococcus agalactiae ^h	441	100			100	100				86↑	a					100
Viridans Strep Group	104				52↓	90↓										100
Streptococcus pneumoniae	76				98↓	100↑				86				83	86	100

Notes:

- a) Not active in-vivo and/or less than 35% susceptible
- b) For use with urinary tract isolates only
- c) Oxacillin-resistant Staphylococci are considered resistant to all Cephalosporins, Carbapenems and Beta-Lactams
- d) Indicates synergy with Penicillin is likely
- e) Included for use with organisms resistant to multiple antibiotics, usually requires approval from Infectious Disease Service
- f) Not speciated and/or not E. faecalis or E. faecium.
- g) Clindamycin results for all Staphylococcus species and Streptococcus agalactiae are confirmed by proximity testing with a Macrolide to rule out inducible resistance.
- h) Susceptibility performed by special request only for patients allergic to Penicillin
- i) Erythromycin and Clindamycin not routinely reported on urinary tract isolates
- j) Total number of organisms may not be applicable for each drug or may be less than the total listed for some drugs
- ↑ Susceptibility has gone up from last year
- ↓ Susceptibility has gone down from last year