

JANUARY - DECEMBER 2020

ANTIBIOTIC SUSCEPTIBILITY REPORT
 CHEROKEE MEDICAL INPATIENT

Most common bacteria isolated and their percent
 susceptibility to antibiotics

ANTIBIOTIC	GRAM NEGATIVE				GRAM POSITIVE			Antibiotic Cost Information **
	E. coli	Ps. aeruginosa	K. pneumoniae	Prot. mirabilis	MRSA	Staph aureus	Enterococcus faecalis	
	# OF ISOLATES*				# OF ISOLATES*			
	300	23*	61	33	18*	11*	49	
AMIKACIN	100	100	100	100				\$\$
AMPICILLIN (Omnipen)	47			55			100	\$
CEFAZOLIN (Ancef)	83		97	73				\$
CEFEPIME (Maxipime)	86	96	97	91				\$\$
CEFTRIAZONE (Rocephin)	86		97	85				\$
CIPROFLOXACIN (Cipro)	69	87	98	61				\$
CLINDAMYCIN					72	55		\$\$
TETRACYCLINE					89	100		\$\$
ERTAPENEM (Invanz)	100		100	100				\$\$\$
GENTAMICIN	89	96	100	85				\$\$
MEROPENEM	100	96	100	100				\$\$\$
NITROFURANTOIN	97							\$
LINEZOLID					100	100	100	\$\$\$
PENICILLIN-G							98	\$\$
PIP/TAZOBACTAM (Zosyn)	96	100	93	97				\$\$\$
SMX/TMP (Septra)	74		90	79	100	100		\$
TOBRAMYCIN (Nebcin)	90	100	98	91				\$\$
VANCOMYCIN					100	100	100	\$\$\$

Susceptibilities reported as a percentage of total systemic isolates

Data population consists of inpatient infections

*Statistical validity of % susceptible is decreased if fewer than 30 isolates are tested

**Antibiotic Cost Information provided by Cherokee Medical Center Pharmacy

**Each \$ is equivalent to \$10.00 increments

Microbiology Department Floyd Medical Center