

Courtesy of:



## **PATHOLOGY LABORATORY**

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**Microbiology Department**

## **Antibiogram**

Data Source: Clinic and Out-Patient Specimens

Data collection period: January-December 2019

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## ANTIBIOTIC SUSCEPTIBILITY SUMMARY

### Gram Negative Organisms

Antibiotic	Organism / Number Of Isolates Tested / Percent (%) Susceptible														
	Acinetobacter baumannii	Campylobacter jejunii	Citrobacter freundii	Citrobacter koseri	Enterobacter aerogenes	Enterobacter cloacae	Escherichia coli	Klebsiella pneumoniae	Klebsiella variicola	Klebsiella oxytoca	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Stenotrophomonas maltophilia
	14	66	192	156	213	##	###	##	176	##	90	##	841	192	66
Amikacin	----	----	----	----	----	----	----	----	----	----	----	----	98	----	----
Amoxicillin/CA	----	----	0	94	0	0	90	97	98	96	0	95	----	0	----
Ampicillin	----	----	0	0	0	0	61	0	0	0	0	80	----	0	----
Ampicillin/Sulbactam	75	----	0	95	0	0	92	95	97	72	24	92	----	0	----
Cefazolin	----	----	0	87	0	0	92	94	92	35	0	65	----	0	----
Cefepime	100	----	----	----	----	----	----	----	----	----	----	----	90	----	----
Ceftazidime	86	----	85	97	90	88	*	*	*	*	87	96	93	95	----
Ceftriaxone	----	----	82	97	87	78	*	*	*	*	85	96	----	93	----
Ciprofloxacin	100	86	92	100	94	94	86	98	95	96	82	65	84	92	----
Erythromycin	----	99	----	----	----	----	----	----	----	----	----	----	----	----	----
Gentamicin	100	----	95	99	99	97	94	99	100	100	88	89	88	96	----
Imipenem	----	----	----	----	----	----	----	----	----	----	----	----	84	----	----
Levofloxacin	100	----	93	98	97	96	84	98	97	98	85	67	83	94	----
Meropenem	86	----	----	----	----	----	----	----	----	----	----	----	94	----	----
Nitrofurantoin (U)	----	----	95	75	22	28	98	52	86	92	0	0	----	0	----
Pip/Tazobactam	100	----	98	98	95	92	96	99	100	98	97	99	95	92	----
Tetracycline	75	65	85	95	96	90	79	85	96	95	48	3	----	8	----
Tobramycin	100	----	99	100	100	95	95	98	100	100	94	94	96	97	----
Trimethoprim/Sulfa	86	----	89	95	98	90	79	92	98	96	70	78	----	97	98

#### (U) - For urinary tract isolates only

ESBL Producing Escherichia coli - 467

ESBL Producing Klebsiella pneumoniae- 46

ESBL Producing Proteus mirabilis - 11

Haemophilus influenzae total number 210- 41% beta-lactamase positive

\* Due to epidemiological software limitations (cephalosporin cascade), third and fourth

## ANTIBIOTIC SUSCEPTIBILITY SUMMARY

### Gram Positive Organisms

Antibiotic	Organism / # Tested / % Susceptible									
	Staphylococcus aureus	Staphylococcus aureus - MRSA	Staphylococcus lugdunensis	Staphylococcus epidermidis	Aerococcus urinae	Group A Streptococcus	Group B Streptococcus	Streptococcus pneumoniae	Enterococcus faecalis	Enterococcus faecium
	<b>2218</b>	<b>828</b>	<b>313</b>	<b>106</b>	<b>175</b>	<b>415</b>	<b>616</b>	<b>283</b>	<b>940</b>	<b>47</b>
Ampicillin	----	----	----	----	----	----	----	----	99	34
Amoxicillin/CA	100	0	98	42	----	----	----	93	----	----
Clindamycin	74	63	86	70	----	74	49	----	----	----
Erythromycin	65	16	82	31	----	67	38	52	----	----
Gentamicin	96	96	99	91	----	----	----	----	----	----
Gentamicin Synergy	----	----	----	----	----	----	----	----	78	100
Levofloxacin	----	----	----	----	63	100	100	99	78	33
Nitrofurantoin (U)	98	95	100	100	----	----	----	----	99	60
Oxacillin	100	0	98	42	----	----	----	----	----	----
Penicillin	0	0	5	5	97	100	100	95(73*)	----	----
Streptomycin Synergy	----	----	----	----	----	----	----	----	83	50
Tetracycline	93	94	97	74	86	----	----	83	34	45
Trimethoprim/Sulfa	98	98	98	62	95	----	----	80	----	----
Vancomycin	100	100	100	100	100	100	100	100	99	65

(\*)- Meningitis level

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