

Cumulative Antimicrobial Susceptibility Report

Hospital Wide Gram Negative Rods

Enterobacteriaceae # shown indicate the Percent susceptible * For urines only *** For MDK only NI = Not Tested U = Intrinsic Resistance

Organism	Count	Ampicillin	Amox/Clav	Pip/ Taz	Amikacin	Gentamicin	Cefazolin-Oral	Cefazolin-Parenteral-Non	Cefazolin-Parenteral*	Cefoxitin	Cefuroxime-Oral	Cefuroxime-Parenteral	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Imipenem	Meropenem	Mitrofurantoin*	Aztreonam***	SXT	Tigecycline	ESBL	CRE	
<i>Citrobacter freundii</i>	27	0	0	74	100	93	0	0	0	0	0	64	67	74	89	94	97	93	NT	78	100				
<i>Citrobacter koseri</i>	35	0	87	97	100	94	79	44	80	86	38	71	80	80	83	97	100	100	71	NT	97	100			
<i>E.coli</i>	2037	23	65	91	92	81	52	14	52	78	44	49	54	54	55	48	97	97	89	5	47	100	47	1	
<i>Enterobacter aerogenes</i>	58	0	0	73	100	98	0	0	0	0	0	68	72	90	97	85	99	10	NT	83	100				
<i>Enterobacter cloacae complex</i>	159	0	0	69	95	94	0	0	0	0	0	64	64	76	91	85	93	42	NT	80	100				
<i>Klebsiella oxytoca</i>	46	0	85	94	94	94	88	0	89	94	67	85	91	94	94	98	94	94	91	NT	91	96	6		
<i>Klebsiella pneumoniae</i>	1411	0	71	81	93	86	49	32	49	84	42	49	54	53	55	73	83	84	16	NT	50	88	42	6	
<i>Morganella morganii</i>	77	0	0	88	97	70	0	0	0	36	0	0	82	82	69	37	100	0	NT	52	0				
<i>Proteus mirabilis</i>	179	58	81	99	96	62	87	46	87	97	90	93	93	93	74	18	100	0	NT	45	0	7			
<i>Serratia marcescens</i>	112	0	0	90	97	95	0	0	0	0	0	92	91	92	96	93	99	0	NT	93	96				

Haemophilus influenzae

Organism	Count	Ampicillin	Ceftriaxone	Ciprofloxacin	SXT	Meropenem	Imipenem
<i>Haemophilus influenzae</i>	17	59	100	87	56	100	100

ESBL Extended -spectrum Beta-lactamase
CRE Carbapenem Resistant Enterobacteriaceae

Cumulative Antimicrobial Susceptibility Report
Hospital Wide Gram Negative Rods

Pseudomonas & Acinetobacter

Organism	Count														
		Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin
<i>Acinetobacter baumannii</i> Complex	117	74	68	66	53	61	75	70	70	61	53	80	81	85	77
<i>Pseudomonas aeruginosa</i>	1214	94	0	77	77	75	91	69	70	74	72	0	NT	0	94

Stenotrophomonas maltophilia

Organism	Count			
		Ceftazidime	Levofloxacin	SXT
<i>Stenotrophomonas maltophilia</i>	100	76	70	96

Salmonella species

Organism	Count				
		Ampicillin	Ceftriaxone	Ciprofloxacin	SXT
<i>Salmonella Group B</i>	22	46	100	62	73
<i>Salmonella Group D</i>	16	50	100	75	100
<i>Salmonella Group C1</i>	10	80	90	80	90
<i>Salmonella Group C2</i>	12	67	100	65	75

Amox/Clav= Amoxicillin/clavulanic acid
Pip/Taz = Piperacillin/tazobactam
SXT = Trimethoprim/Sulfamethoxazole

General Notes:

Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results. Some organisms for which there were only very small numbers have been excluded from this report.



Cumulative Antimicrobial Susceptibility Report
Hospital Wide Gram Positive Cocci

2019

Streptococcus pneumoniae # shown indicate the Percent susceptible 0=Intrinsic resistance * For urines only NT = Not Tested

Organism	COUNT	Ceftriaxone-Mening	Ceftriaxone-NonMening	Cefuroxime-Oral	Cefuroxime-Parent	Erythromycin	Meropenem	Penicillin-Mening	Penicillin-NonMening	Penicillin-V	SXT	Vancomycin
----------	-------	--------------------	-----------------------	-----------------	-------------------	--------------	-----------	-------------------	----------------------	--------------	-----	------------

Streptococcus pneumoniae**	23	91	100	NT	NT	57	100	70	100	74	50	100
-----------------------------------	----	----	-----	----	----	----	-----	----	-----	----	----	-----

Enterococcus spp

Organism	COUNT	Ampicillin	Ciprofloxacin	Gentamicin HL	Levofloxacin	Linezolid	Nitrofurantoin	penicillin	Streptomycin HL	Synercid	Tetracycline	Vancomycin	VRE
----------	-------	------------	---------------	---------------	--------------	-----------	----------------	------------	-----------------	----------	--------------	------------	-----

Enterococcus faecalis	334	100	NT	71	71	95	99	98	73	0	19	100	0
------------------------------	-----	-----	----	----	----	----	----	----	----	---	----	-----	---

Enterococcus faecium	71	14	NT	54	26	94	33	14	49	90	47	52	49
-----------------------------	----	----	----	----	----	----	----	----	----	----	----	----	----

Staphylococcus species

Organism	COUNT	Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
----------	-------	--------------	-------------	--------------	------------	-----------	-----------------	-----------	------------	-----	--------------	--------------	----------	------------	------	------

Staphylococcus aureus(MRSA & MSSA)	595	76	84	72	89	100	100	52	8	92	76	83	99	100	52	48
---	-----	----	----	----	----	-----	-----	----	---	----	----	----	----	-----	----	----

MRSA	283	62	81	73	78	100	100	0	0	87	62	82	98	100		
-------------	-----	----	----	----	----	-----	-----	---	---	----	----	----	----	-----	--	--

Staphylococcus hominis(CoNS)	74	55	50	12	77	100	99	19	1	80	53	55	97	100		
-------------------------------------	----	----	----	----	----	-----	----	----	---	----	----	----	----	-----	--	--

Staphylococcus haemolyticus(CoNS)	29	59	72	21	62	100	100	10	0	79	59	52	100	100		
--	----	----	----	----	----	-----	-----	----	---	----	----	----	-----	-----	--	--

Staphylococcus epidermidis(CoNS)	266	40	52	23	53	100	100	13	2	68	41	41	93	100		
---	-----	----	----	----	----	-----	-----	----	---	----	----	----	----	-----	--	--

Streptococcus viridans group

Organism	Count	Penicillin	Ceftriaxone	Vancomycin
----------	-------	------------	-------------	------------

Streptococcus viridans group	76	57	88	100
-------------------------------------	----	----	----	-----

SXT = Trimethoprim/Sulfamethoxazole
Gentamicin HL = Gentamicin High Level
Streptomycin HL = Streptomycin High Level

** Ceftri-Menin - Ceftriaxone meningitis (susceptible MIC ≤ 0.5 µg/mL)
** Ceftri-NonMenin - Ceftriaxone non-meningitis (susceptible MIC ≤ 1.0 µg/mL)
** Pen-Menin - Penicillin-Meningitis and Penicillin-V (susceptible MIC ≤ 0.06 µg/mL)
** Pen-NonMenin - Penicillin-NonMeningitis (susceptible MIC ≤ 2 µg/mL)
CoNS= Coagulase negative Staphylococcus MRSA-Methicillin Resistant Staphylococcus aureus

General Notes:

Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
Some organisms for which there were only very small numbers OR less than 20 isolates have been excluded from this report
Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.

Cumulative Antimicrobial Susceptibility Report
Emergency - Gram Negative Rods & Gram positive cocci

Organism	Count	# shown indicate the Percent susceptible										* For urines only				*** For MDR only				NT = Not Tested		0 = Intrinsic Resistance			
		Ampicillin	Amox/Clav	Pip/ Tazo	Amikacin	Gentamicin	Cefazolin-Oral	Cefazolin-Parenteral-Nor	Cefazolin-Parenteral*	Cefoxitin	Cefuroxime-Oral	Cefuroxime-Parenteral	Ceftazidime	Cefepime	Ciprofloxacin	Imipenem	Meropenem	Nitrofurantoin*	Aztreonam***	SXT	Tigecycline	ESBL			
<i>E.coli</i>	776	21	64	92	93	82	50	17	51	80	43	48	54	54	55	48	97	97	90	NT	45	100	47		
<i>Enterobacter cloacae complex</i>	42	0	0	76	95	100	0	0	0	0	0	74	74	74	86	91	100	43	NT	71	93				
<i>Klebsiella pneumoniae</i>	437	0	70	84	97	86	50	37	50	87	45	50	56	55	57	76	90	93	19	NT	48	90	44		
<i>Morganella morganii</i>	28	0	0	86	93	50	0	0	29	0	0	82	82	82	54	23	100	0	NT	36	0				
<i>Proteus mirabilis</i>	78	61	84	99	96	62	85	37	85	96	91	92	92	92	76	16	100	0	NT	49	0				
<i>Serratia marcescens</i>	39	0	0	88	100	100	0	0	0	0	0	100	98	98	98	88	98	0	NT	100	98				

Pseudomonas & Acinetobacter

Organism	Count														
		Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin
<i>Acinetobacter baumannii Complex</i>	36	78	74	72	62	67	81	78	78	66	58	85	89	93	85
<i>Pseudomonas aeruginosa</i>	321	97	0	88	89	79	93	80	81	79	82	0	NT	0	96

Organism	COUNT												
		Ampicillin	Ciprofloxacin	Gentamicin HL	Levofloxacin	Linezolid	Nitrofurantoin*	penicillin	Streptomycin HL	Synercid	Tetracycline	Vancomycin	VRE
<i>Enterococcus faecalis</i>	109	100	NT	78	71	97	100	97	78	0	17	100	0

Staphylococcus species

Organism	COUNT															
		Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
<i>Staphylococcus aureus</i>	197	73	85	70	90	100	100	56	10	91	73	80	100	100	56	44
<i>Staphylococcus hominis (CoNS)</i>	50	54	52	14	78	100	98	20	2	82	52	46	96	100		
<i>Staphylococcus epidermidis (CoNS)</i>	97	49	67	26	59	100	100	13	2	79	49	51	97	100		

General Notes:

Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results. Some organisms for which there were only very small numbers have been excluded from this report

Cumulative Antimicrobial Susceptibility Report
Adult ICUs(JICUs,JSICU)- Gram Negative Rods & Gram positive cocci

Organism	Count	# shown indicate the Percent susceptible										* For urines only			*** For MDR only			NT = Not Tested		0 = Intrinsic Resistance				
		Ampicillin	Amoxy/Clav	Pip/ Tazo	Amikacin	Gentamicin	Cefazolin-Oral	Cefazolin-Parenteral-Not	Cefazolin-Parenteral*	Cefoxitin	Cefuroxime-Oral	Cefuroxime-Parenteral	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Imipenem	Meropenem	Nitrofurantoin*	Aztreonam***	SXT	Tigecycline	ESBL	
<i>E.coli</i>	65	6	46	69	85	68	44	8	38	63	21	25	29	28	30	34	99	99	89	NT	26	100	72	
<i>Klebsiella pneumoniae</i>	71	0	61	65	85	82	24	27	20	75	25	37	41	40	42	68	63	63	13	NT	51	79	45	

Organism	Count	# shown indicate the Percent susceptible													
		Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin
<i>Pseudomonas aeruginosa</i>	159	83	0	56	55	60	79	32	35	60	48	0	NT	0	80

Organism	Count	# shown indicate the Percent susceptible		
		Ceftazidime	Levofloxacin	SXT
<i>Stenotrophomonas maltophilia</i>	43	74	65	98

Organism	COUNT	# shown indicate the Percent susceptible														
		Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
<i>Staphylococcus aureus</i>	46	61	91	78	96	100	98	41	4	87	61	91	100	100	41	59
<i>Staphylococcus epidermidis(CoNS)</i>	27	42	59	15	56	100	100	11	0	63	41	44	93	100		

General Notes:
Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
Some organisms for which there were only very small numbers have been excluded from this report

Cumulative Antimicrobial Susceptibility Report
Oncology (JES4,JEN4,JPONC3,JPBMT) Gram Negative Rods & Gram positive cocci

Enterobacteriaceae		# shown indicate the Percent susceptible										* For urines only			*** For MDR only			NT = Not Tested		0 =Intrinsic Resistance			
Organism	Count	Ampicillin	Amox/Clav	Pip/ Tazo	Amikacin	Gentamicin	Cefazolin-Oral	Cefazolin-Parenteral-Non	Cefazolin-Parenteral*	Cefoxitin	Cefuroxime-Oral	cefuroxime-Parenteral	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Imipenem	Meropenem	Nitrofurantoin*	Aztreonam***	SXT	Tigecycline	ESBL
<i>E.coli</i>	46	16	44	73	80	80	40	0	46	79	30	39	51	52	53	41	92	92	86	NT	34	100	49
<i>Klebsiella pneumoniae</i>	80	0	70	75	86	85	32	27	35	79	30	46	58	56	59	76	74	7	NT	46	85	42	

Pseudomonas &Acinetobacter		Count	Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin
<i>Pseudomonas aeruginosa</i>	79	94	0	66	66	72	86	72	72	72	60	0	0	NT	0	95

General Notes:

Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
Some organisms for which there were only very small numbers have been excluded from this report

Cumulative Antimicrobial Susceptibility Report
Pediatric units (PICU,NRS,NICU) Gram Negative Rods & Gram positive cocci

Enterobacteriaceae																								
# shown indicate the Percent susceptible * For urines only *** For MDR only N1 = Not Tested 0 =Intrinsic Resistance																								
Organism	Count	Ampicillin	Amox/Clav	Pip/ Tazo	Amikacin	Gentamicin	Cefazolin-Oral	Cefazolin-Parenteral-Non	Cefazolin-Parenteral*	Cefoxitin	Cefuroxime-Oral	cefuroxime-Parenteral	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Imipenem	Meropenem	Nitrofurantoin*	Aztreconam ***	SXT	Tigecycline	ESBL	
Klebsiella pneumoniae	32	0	81	81	94	94	60	29	64	87	40	52	56	56	59	84	69	74	32	NT	61	79	38	
Pseudomonas																								
Organism	Count	Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin									
Pseudomonas aeruginosa	59	97	0	63	63	95	88	49	51	95	60	0	NT	0	100									
Staphylococcus species																								
Organism	COUNT	Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA								
Staphylococcus aureus	32	75	78	53	78	100	100	56	13	81	75	73	97	100	56	44								

General Notes:

Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
Some organisms for which there were only very small numbers have been excluded from this report