



MICROBIOLOGY SECTION

2018

**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	127	64	62	56	52	55	76	61	59	56	58	75	81	84	81
<i>Pseudomonas aeruginosa</i>	1104	93	0	81	81	76	89	72	73	76	80	0	NT	0	93

Stenotrophomonas maltophilia

Organism	Count	Ceftazidime	Levofloxacin	SXT
<i>Stenotrophomonas maltophilia</i>	137	55	62	94

Salmonella species

Organism	Count	Ampicillin	Ceftriaxone	Ciprofloxacin	SXT
<i>Salmonella Group B</i>	12	58	100	70	67
<i>Salmonella Group D</i>	29	76	100	62	100
<i>Salmonella Group C2</i>	33	55	92	59	86
<i>Other Salmonella spp</i>	16	75	83	93	71

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

2018

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
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Streptococcus pneumoniae**	23	87	100	NT	NT	25	100	46	100	50	30	100
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Enterococcus spp

Organism	COUNT	Ampicillin	Ciprofloxacin	Gentamicin HL	Levofloxacin	Linezolid	Nitrofurantoin	penicillin	Streptomycin HL	Synercid	Tetracycline	Vancomycin	VRE
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Enterococcus faecalis	332	100	NT	71	76	96	97	98	69	0	25	100	0
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Enterococcus faecium	101	21	NT	51	25	92	33	21	55	83	43	56	44
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Staphylococcus species

Organism	COUNT	Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
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Staphylococcus aureus(MRSA & MSSA)	682	74	84	70	88	100	100	52	8	89	74	81	99	100	52	48
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MRSA	328	65	80	65	76	100	100	0	0	83	65	81	99	100		
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Staphylococcus hominis(CoNS)	72	64	57	20	79	100	100	28	6	74	64	78	99	100		
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Staphylococcus haemolyticus(CoNS)	27	36	57	14	43	100	100	6	6	57	36	46	82	100		
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Staphylococcus epidermidis(CoNS)	249	42	51	26	57	100	100	13	3	62	42	44	94	100		
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Streptococcus viridans group

Organism	Count	Penicillin	Ceftriaxone	Vancomycin
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Streptococcus viridans group	77	58	94	100
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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
Adult ICUs(JICUs,JSICU)- Gram Negative Rods & Gram positive cocci

Organism	Count	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>	58	8	53	76	85	71	14	3	14	66	6	27	33	36	40	31	91	94	93	NT	47	100	34
<i>Klebsiella pneumoniae</i>	94	0	54	57	73	69	27	16	29	54	17	32	40	37	40	52	61	61	20	NT	46	65	71

Organism	Count	Amikacin	Ampicillin sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Mincycline	Tigecycline	Tobramycin
<i>Acinetobacter baumannii</i> Complex	18	39	39	28	28	28	56	39	39	28	28	72	77	90	72
<i>Pseudomonas aeruginosa</i>	155	88	0	69	68	74	84	52	54	75	68	0	NT	0	90

Organism	COUNT	Ampicillin	Ciprofloxacin	Gentamicin HL	Levofloxacin	Linezolid	Nitrofurantoin *	penicillin	Streptomycin HL	Synercid	Tetracycline	Vancomycin	VRE
<i>Enterococcus faecalis</i>	25	100	NT	83	76	100	96	100	75	0	38	100	0

Organism	COUNT	Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
<i>Staphylococcus aureus</i>	61	80	77	65	90	100	100	60	29	98	80	92	100	100	60	40
<i>Staphylococcus epidermidis</i> (CoNS)	26	39	25	19	42	100	100	6	0	47	39	24	96	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
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	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>	782	18	64	89	92	81	45	13	46	78	39	44	48	48	49	46	96	97	90	NT	46	100	47	
<i>Enterobacter cloacae</i> complex	41	0	0	83	100	98	0	0	0	0	0	0	78	78	85	90	91	100	46	NT	83	93		
<i>Klebsiella pneumoniae</i>	343	0	69	86	95	86	55	19	54	86	43	52	58	55	58	74	90	90	18	NT	51	91	57	
<i>Proteus mirabilis</i>	61	53	79	100	100	72	94	42	94	100	100	100	100	100	100	87	37	100	0	NT	61	0		

Organism	Count	Pseudomonas & Acinetobacter													
		Amikacin	Ampicillin Sulbactam	Cefepime	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Levofloxacin	Pip/Taz	SXT	Minocycline	Tigecycline	Tobramycin
<i>Acinetobacter baumannii</i> Complex	37	71	69	65	62	60	78	68	66	62	68	84	89	85	86
<i>Pseudomonas aeruginosa</i>	246	96	0	88	88	80	93	79	81	79	87	0	NT	0	95

Organism	COUNT	Enterococcus faecalis											
		Ampicillin	Ciprofloxacin	Gentamicin HL	Levofloxacin	Linezolid	Nitrofurantoin*	penicillin	Streptomycin HL	Synercid	Tetracycline	Vancomycin	VRE
<i>Enterococcus faecalis</i>	95	100	NT	70	72	95	98	96	70	0	25	100	0

Organism	COUNT	Staphylococcus species														
		Levofloxacin	Clindamycin	Erythromycin	Gentamicin	Linezolid	Nitrofurantoin*	Oxacillin	Penicillin	SXT	Moxifloxacin	Tetracycline	Rifampin	Vancomycin	MSSA	MRSA
<i>Staphylococcus aureus</i>	177	72	87	69	88	100	100	57	8	90	72	83	100	100	57	43
<i>Staphylococcus hominis</i> (CoNS)	55	71	67	22	88	100	100	34	5	80	72	76	100	100		
<i>Staphylococcus epidermidis</i> (CoNS)	102	58	61	28	63	100	100	20	4	73	58	44	92	100		

General Notes:

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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

Organism	Count	# shown indicate the Percent susceptible										* For urines only			*** For MDR only			N1 = Not Tested		0 = Intrinsic Resistance			
		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
<i>E.coli</i>	23	17	44	83	83	26	0	31	0	91	17	17	21	21	61	100	100	100	NT	74	100	5	
<i>Enterobacter cloacae complex</i>	15	0	0	69	87	60	0	0	0	0	0	47	40	47	100	94	94	68	NT	67	100		
<i>Klebsiella pneumoniae</i>	38	0	53	74	95	50	39	13	40	95	32	40	42	42	71	93	90	22	NT	42	100	43	
<i>Serratia marcescens</i>	23	0	0	86	87	75	0	0	0	0	0	0	41	42	48	96	92	93	0	NT	100	92	

Pseudomonas

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>	54	98	0	87	87	91	76	80	80	91	84	0	NT	0	87

Staphylococcus species

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>	36	92	94	86	88	100	100	42	3	72	92	83	89	100	42	58

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