

ANTIBIOGRAM – Pediatric Population

Percent susceptibilities (%)

Santa Clara Valley Health & Hospital System

Elisabeth Mailhot, M.D., Director of Laboratories

Nang Nguyen, Ph.D., D(ABMM), Clinical Microbiologist

Analysis period: 1 January 2018- 31 December 2018

GRAM-POSITIVE ORGANISM			N° tested ¹	Strep-high	Gen-high	Gentamicin	Penicillin	Ampicillin	Oxacillin	Vancomycin	Daptomycin ²	Linezolid	Erythromycin	Clindamycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin ³	Rifampin ⁴	Tetracyclin	Trim/Sulfa
OUTPATIENT	non-urine	<i>Staphylococcus aureus</i> - MRSA	34			81	0		0	100	100	100	33	71	61	64		92	81	100
		<i>Staphylococcus aureus</i>	88			96	24		100	100	100	100	77	97	90	92		99	97	99
	urine	<i>Enterococcus faecalis</i>	19	90	81			100		100	60	95			90	100	100	79	30	
INPATIENT	non-urine	<i>Staphylococcus aureus</i> - MRSA	19			100	0		0	100	100	100	15	84	45	50		100	90	100
		<i>Staphylococcus aureus</i>	40			96	30		100	100	100	100	64	92	93	93		98	98	98
	urine	<i>Enterococcus faecalis</i>	16	94	75			100		100	69	100			88	100	100	56	6	

GRAM-NEGATIVE ORGANISM			N° tested ¹	Gentamicin	Tobramycin	Amikacin	Ampicillin	Amox/Clav	Amp/Sulb	Pip/Tazo	Cefazolin	Cefuroxime	Ceftazidime	Ceftiozone	Cefepime	Cefoxitin	Aztreonam	Ertapenem	Imipenem	Meropenem	Ciprofloxacin	Levofloxacin	Nitrofurantoin ³	Tetracyclin	Trim/Sulfa
OUTPATIENT	Urine	<i>Escherichia coli</i> - ESBL	26	63	63	96	0	59	41	100	0	0	30	0	4	96	12	100	100	100	44	48	100	37	41
		<i>Escherichia coli</i>	416	93	96	100	51	87	59	99	96	98	99	98	99	99	98	100	100	100	90	90	99	71	69
		<i>Proteus mirabilis</i>	39	95	97	100	90	100	97	100	100	100	100	100	100	100	97	100		100	100	100			87
INPATIENT	non-Urine	<i>Escherichia coli</i>	18	83	83	100	50	89	56	100	94	94	94	94	100	94	100	100	100	100	94	94		50	67
		<i>Pseudomonas aeruginosa</i>	14	86	100	100				100			93		93		100		93	100	93	93			
	Urine	<i>Escherichia coli</i> - ESBL	13	54	46	92	0	54	31	92	0	0	0	0	0	100	0	100	100	100	38	38	100	31	38
		<i>Escherichia coli</i>	94	96	97	100	65	90	71	99	95	97	97	97	98	98	97	100	100	100	96	96	99	75	74

Additional notes:

1. %S is not statistically significant for <30 isolates tested; interpret with caution.
2. Do not use for respiratory infections.
3. For use with uncomplicated UTI