

PEDIATRIC Inpatient & ICU - Gram Positive Organisms

Category		Beta Lactams				Macrolide Linco- samide	Fluor oquin olone	Tetra cyclines		Aminoglycosides			Other					
Organism	n	Penicillin G	Ampicillin	Oxacillin ^B	Cefazolin	Erythromycin	Clindamycin	Levofloxacin	Tetracycline	Minocycline	Gentamicin	Gent, High Level	Strep, High Level	Daptomycin	Linezolid	Rifampin	Trimethoprim/ Sulfamethoxazole	Vancomycin
breakpoints (mcg/mL) Staph spp				2 ^B	8	0.5	0.5	1	4	4	4			1	4	1	2/38	2
Staphylococcus aureus, all	77	—	—	80	80	75	87	78	95	100	98	—	—	100	100	100	97	100
Staphylococcus aureus	63	—	—	100	100	85	88	94	100	100	100	—	—	100	100	100	96	100
Staphylococcus aureus, MRSA	15 ^A	—	—	0	0	26	73	20	80	100	93	—	—	100	100	100	100	100
Coagulase Negative Staphylococci	15 ^A	—	—	53	53	36	90	66	100	100	63	—	—	100	100	93	0	100
breakpoints (mcg/mL) Enterococcus spp		8	8			0.5		2	4	4		S	S	4	2			4
Enterococcus species, all	31	93	96	—	—	0	0	100	28	39	0	90	87	100	100	100	0	100
Enterococcus faecalis	27 ^A	100	100	—	—	0	0	100	28	38	0	88	88	100	100	—	0	100
Enterococcus faecium	2 ^A	50	50	—	—	0	0	100	50	50	0	100	100	100	100	—	0	100

PEDIATRIC Outpatient / ED - Gram Positive Organisms

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Organism	n	Penicillin G	Ampicillin	Oxacillin ^B	Cefazolin	Erythromycin	Clindamycin	Levofloxacin	Tetracycline	Minocycline	Gentamicin	Gent, High Level	Strep, High Level	Daptomycin	Linezolid	Rifampin	Trimethoprim/ Sulfamethoxazole	Vancomycin
breakpoints (mcg/mL) Staph spp				2 ^B	8	0.5	0.5	1	4	4	4			1	4	1	2/38	2
Staphylococcus aureus, all	232	—	—	84	84	66	82	84	95	99	96	—	—	100	100	100	99	100
Staphylococcus aureus, MSSA	195	—	—	100	100	74	82	95	97	99	96	—	—	100	100	100	99	100
Staphylococcus aureus, MRSA	38	—	—	0	0	23	84	28	86	100	89	—	—	100	100	100	97	100
breakpoints (mcg/mL) Enterococcus spp		8	8			0.5		2	4	4		S	S	4	2			4
Enterococcus species, all	18 ^A	94	94	0	0	20	0	94	22	27	0	94	88	100	100	—	0	100
Enterococcus faecalis	16 ^A	100	100	0	0	25	0	93	25	31	0	93	87	100	100	—	0	100
Enterococcus faecium	2 ^A	50	50	0	0	0	0	100	0	0	0	100	100	100	100	—	0	100

Data source: UCDH Laboratory Information Service, excluding duplicate, CF and surveillance isolates.

Breakpoints for susceptibility defined by Clinical Laboratory Standards Institute (CLSI M100 29th Edition, Jan 2019).

Organisms with a total number of less than 10 isolates recovered for the year are not included in this report with some exceptions.

Footnotes:

^A Calculated from fewer than the standard recommendation of 30 isolates. Interpret with caution.

^B *S. aureus* and *S. lugdunensis* oxacillin breakpoint = 2 mcg/mL; other coagulase-negative staphylococci breakpoint = 0.25 mcg/mL.