UCSF Benioff Children's Hospital Oakland
Antibiogram 2021

# of isolates		463	368	95	49	26**			10**	4**	9**	10**	21**	31	2**	219	24**	10**	10**	11**	15**	12**
Antibiotic	Cost (Pediatric/Adult)	Staph aureus (All)	Meth-SUSCEPTIBLE Staph aurues (MSSA)	Meth-RESISTANT Staph aurues (MRSA)	Coagulase-negative Staphylococcus	Staph lugdunensis	Group A Streptococcus	Group B Streptococcus	Enterococcus sp.	Viridans Streptococcus	Strep pneumoniae (non-CSF)	Citrobacter freundii	Enterobacter cloacae	Enterobacter/Klebsiella aerogenes	Serratia marcescens	Escherichia coli	Klebsiella pneumoniae	Klebsiella oxytoca	Proteus mirabilis	Acinetobacter sp.	Pseudomonas aeruginosa	Stenotrophomonas maltophilia
penicillin PO	$	<1%	1%	R	0%	0%	S	S		67%	55%											
penicillin IV	$/$$			R			S	S		67%	89%											
amoxicillin	$			R			S	S	70%		100%	R	R	R	R	51%	R	R	70%	R	R	R
ampicillin	$$/$$$			R			S	S	70%	67%		R	R	R	R	51%	R	R	70%	R	R	R
oxacillin	$$/$$$	79%	100%	R	31%	88%	S															
amox-clav	$		S	R			S	S	70%		100%	R	R	R	R	88%	100%	100%	90%	R	R	R
amp-sulb	$$		S	R			S	S	70%			R	R	R	R	60%	88%	80%	80%	82%	R	R
pip-tazo	$/$$		S	R					70%			100%	100%	80%	100%	97%	100%	100%	100%		100%	R
aztreonam	$$$/$$$$$												100%	60%	100%	94%	78%	100%	100%	R	93%	R
cefazolin	$	79%	S	R			S	S	R			R	R	R	R	79% 93%*	71% 73%*		50% 88%*		R	R
ceftriaxone	$/$$	79%	S	R			S	S	R	100%	100%	70%	100%	40%	100%	92%	78%	100%	100%	82%	R	R
ceftazidime	$$			R					R			70%	100%	60%	100%	96%	78%	100%	100%	82%	100%	50%
cefepime	$/$$		S	R			S	S	R	100%	100%	88%	100%	100%	100%	95%	78%	100%	100%	64%	100%	
ceftaroline	$$$$$	99%	99%	98%																		
ertapenem	$$$/$$$$	79%	S	R			S	S				100%	100%	100%	100%	100%	100%	100%	100%	R	R	R
meropenem	$$/$$$	79%	S	R			S	S		100%		100%	100%	100%	100%	100%	100%	100%	100%	82%	93%	R
gentamicin	$/$$	95%§	96%§	94%§	87.5%§	96%§			100%§			100%	100%	100%	100%	90%	100%	100%	80%	73%	79%	R
tobramycin	$											100%	100%	100%	100%	92%	100%	100%	90%	73%	100%	R
amikacin	$/$$											100%	100%	100%	100%	100%	100%	100%	100%	82%	100%	R
nitrofurantoin	$$$	100%*	100%*	100%*	-				88%			100%*	50%*	0%*	R	99%*	57%*	67%*	R			
trimeth/sulfa	V:$$/$$$; PO:	99%	99%	100%	65%	100%			R		60%	88%	95%	100%	100%	71%	83%	100%	80%	91%	R	100%
azithromycin	$										40%										R	R
ciprofloxacin	$	80%	93%	49%	67%	100%						100%	100%	100%	100%	93%	100%	100%	100%	82%	93%	
tetracycline/	V:$$/$$$;PO:	94%	95%	92%							80%								R		R	
clindamycin	$/$$	83%	84%	83%		81%			R	100%	80%											
vancomycin	$$	100%	100%	100%	100%	100%	S		70%	100%	100%											
linezolid	V:$$/$$$;PO:$	100%	100%	99%	100%	100%			100%	100%												

"S" denotes predictable susceptibility "R" denotes intrinsic resistance "*" indicates data applicable only to uncomplicated urinary tract infectio "§" denotes utility as synergistic agents only (GMS)

***When fewer than 30 isolates are reported, % susceptible may not reflect robust estimate of population susceptibility

Antbiotic color code (streamline to narrower agents when appropriat Green = narrower-spectrum/first-line ager Yellow = broader-spectrum agents Red = broadest-spectrum/last-line agents

Additional information:

- Values (%) indicate the % of tested isolates that were SUSCEPTIBLE to the antibiotic by in vitro testing.
- Dollar signs indicate approximate cost of one day of therapy: $=0-5 dollars, $$=5-25 dollars, $$$=25-50 dollars, $$$$=50-100 dollars, $$$$$=over 100 dollars
- Dollar signs separated by the "/" indicate cost difference between pediatric dose versus adult dose

Confidential - Company Proprietary