

THE MOUNT SINAI HOSPITAL

2020 PEDIATRICS INPATIENT AND EMERGENCY DEPARTMENT: GRAM-NEGATIVE ISOLATES (PERCENT SUSCEPTIBLE OF INITIAL ISOLATES)

PEDIATRIC GRAM-NEGATIVE		Aminoglycosides		Cephalosporins					Other Beta-Lactams					Other Mech. Of Action				
		Gentamicin	Amikacin ^a	Cefazolin	Cefazolin (Urine) ^c	Ceftriaxone	Ceftazidime ^a	Cefepime ^a	Ampicillin	Ampicillin-sulbactam ^a	Piperacillin-tazobactam ^a	Ertapenem ^a	Meropenem ^a	Imipenem ^a	Levofloxacin	Ciprofloxacin	Nitrofurantoin ^b	Trimethoprim-sulfamethoxazole
<i>n</i>																		
<i>Klebsiella pneumoniae</i> ^d	44	82	100			73	<u>70</u>	82		68	84	95		98	<u>74</u>	83		70
<i>Pseudomonas aeruginosa</i> ^e	41	90	95				98	93			95		92	88	80	85		
<i>Escherichia coli</i>	37	81	100	<u>66</u> ^d	<u>83</u> ^d	84	89	92	35	43	92	97		100	79	82	97 ^d	68

Underlined values represent a 10% or greater decrease in susceptibility compared with 2019

a Use only when organism is resistant to narrower spectrum agents

b Urinary tract isolates only

c CLSI breakpoints for Cefazolin and *Enterobacteriaceae* in uncomplicated UTIs are higher than the breakpoints for other types of infections.

d Percent susceptible based on two years of data combined (2019 and 2020)

e Percent susceptible based on three years of data combined (2018 to 2020)