

# 2020 NMH MICU Antibiogram – First Isolate

Organisms	Isolates	Amikacin	Ampicillin	Ampicillin/Subactam	Aztreonam	Cefazolin	Cefepime	Cefazidime	Ceftioxone	Ciprofloxacin	Clindamycin	Daptomycin	Erythromycin	Gentamicin	Levofloxacin	Linezolid	Meropenem	Minocycline	Oxacillin	Penicillin	Piperacillin/Tazobactam	Sulfamethoxazole/Trimethoprim	Tetracycline	Tobramycin	Vancomycin
Enterococcus faecalis	46	-	100	-	-	-	-	-	-	-	-	58	-	-	-	100	-	-	-	-	-	-	26	-	93
Escherichia coli	45	100	24	37	77	60	77	-	73	62	-	-	-	80	-	-	100	-	-	-	82	51	-	88	-
Klebsiella	57	96	-	52	78	66	77	-	77	80	-	-	-	87	-	-	94	-	-	-	75	78	-	80	-
Methicillin-resistant Staphylococcus aureus	35	-	-	-	-	-	-	-	-	-	37	100	-	-	-	100	-	-	-	-	-	94	71	-	100
Pseudomonas aeruginosa	77	93	-	-	59	-	79	72	-	68	-	-	-	81	66	-	76	-	-	-	71	-	-	88	-
Staphylococcus aureus	72	-	-	-	-	-	-	-	-	-	54	100	38	-	-	100	-	-	51	-	-	97	81	-	100

30 isolate threshold

Not all isolates tested against every antibiotic listed

**Please note:** The CLSI M100 breakpoint of  $\leq 2$  mcg/mL for daptomycin against *Enterococcus faecalis* was applied. The current NMH reported breakpoint is  $\leq 4$  mcg/mL which correlates to 100% susceptibility, however, this will be updated in the coming year.

## Antibiogram Guidance:

- ❖ The numbers displayed above represent the percentage of organisms susceptible to the specified antibiotic.
- ❖ Antibiogram data helps guide clinicians to choose appropriate empiric antibiotics for many infectious syndromes.
- ❖ Clinical practice guidelines generally recommend selecting antibiotics with  $> 80\%$  susceptibility for the most likely pathogens.
- ❖ For empiric prescribing guidance please visit [asp.nm.org/northwestern-memorial.html](http://asp.nm.org/northwestern-memorial.html)