

Antibiotic Panels

Antimicrobial	<i>S. aureus</i> , Oxacillin Susceptible	<i>S. aureus</i> , Oxacillin Resistant (MRSA)	Coag Neg staphylococci, Oxacillin Susceptible	Coag Neg staphylococci, Oxacillin Resistant	<i>Enterococcus sp.</i>	<i>S. pneumoniae</i>	Hemolytic streptococci, blood and CSF only	Hemolytic streptococci, NOT blood, CSF	Enteric GNB e.g. <i>E. coli</i> , <i>Klebsiella</i> , <i>Proteus</i>	<i>P. aeruginosa</i>	Non-fermenting GNB, NOT <i>P. aeruginosa</i>
Amikacin									[X]	[X]	[X] (2)
AMOX/CLAV									[X]		
Ampicillin					X				X		
Cefazolin (U)									X		
Cefepime									[X]	X	[X] (2)
Ceftaroline		X									
Ceftazidime									[X]	X	X
Ceftriaxone						X (3)	X	X (4)	[X]		
Ciprofloxacin									X (1)	X (1)	X (1,2)
Clindamycin (NU,6)	X (1)	X (1)	X (1)	X (1)				X			
Daptomycin (NU,5)		X		X							
Erythromycin (NU,6)	X (1)	X (1)	X (1)	X (1)		X		X (4)			
Gentamicin									X	X	X (2)
HL Gentamicin (NU)					X (8)						
Levofloxacin	X (1,6)	X (1,6)	X (1,6)	X (1,6)	X (U)	X		X (4)	X (1)	X (1)	X (1)
Linezolid		X		X	[X]						
Meropenem						[X] (3)			[X]	[X]	[X] (2)
Nitrofurantoin (U)	X	X	X	X	X				X		
Oxacillin (NU,7)	X	X	X	X							
Penicillin	X	X			X	X (3)	X	X			
PIP/TAZO									[X]	X	X (2)
Rifampin (9)	X	X	X	X							
HL Streptomycin (NU)					X (8)						
Tetracycline	X (1)	X (1)	X (1)	X (1)	X (U)	X			X (1)		X (1, U)
Tobramycin									X	X	X (2)
TRIM/SULFA	X (1)	X (1)				X (1)			X (1)		X (1)
Vancomycin		X		X	[X]	[X] (3)	X	[X]			

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FOOTNOTES

'X', routinely reported; '[X]', drug is only reported when related narrow-spectrum drug(s) test as resistant.

AMOX/CLAV, amoxicillin/clavulanate; NU, NOT for urinary tract use; PIP/ TAZO, piperacillin/ tazobactam; TRIM/ SULFA, trimethoprim/ sulfamethoxazole; HL, High level; U, FOR urinary tract use ONLY.

- 1) Not reported on CSF isolates.
- 2) Not routinely reported on *Stenotrophomonas maltophilia* and *Burkholderia cepacia*.
- 3) Routinely reported on blood and CSF isolates.
- 4) Not routinely reported on Group B hemolytic streptococcal urogenital tract isolates.
- 5) Not reported on lower respiratory tract isolates.
- 6) Not reported on blood culture isolates.
- 7) Oxacillin predicts response to anti-staphylococcal penicillins, cephalosporins, beta-lactam/ beta-lactamase inhibitor combination agents and carbapenems including those active in the urinary tract; oxacillin is not itself an active UTI agent.
- 8) Not to be used for mono-therapy: must be used with a susceptible cell wall-active agent e.g. ampicillin or vancomycin. For serious infections only e.g. endocarditis.
- 9) Not to be used for mono-therapy: must be used with a second, susceptible agent.