

Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from adult and paediatric clinical specimens: 2021

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≥ 90% susceptible;
 70-89% susceptible;
 < 70% susceptible;
 Number = proportion susceptible (S/I); R = Resistant

Organism (number tested)	Penicillin	Amoxicillin	Flucloxacillin	Erythromycin	Clindamycin	Cotrimoxazole	Doxycycline	Vancomycin	Fusidic acid	Mupirocin	Ceftriaxone	Moxifloxacin	Nitrofurantoin	Norfloxacin
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Staphylococcus aureus – all (4010)	15	-	82	87	90	99	99	100	86	98	-	-	-	-
Methicillin-resistant <i>Staphylococcus aureus</i> (590) ^a	R	-	R	79	88	100	100	100	69	98	-	-	-	-
<i>Staphylococcus epidermidis</i> (562)	-	-	30	45	64	57	93	100	46	83	-	-	-	-
<i>Staphylococcus lugdunensis</i> (82)	45	-	89	99	99	100	100	100	99	100	-	-	-	-
Other coagulase negative Staphylococci (295) ^b	-	-	39	52	66	77	97	100	77	92	-	-	-	-
<i>Streptococcus pyogenes</i> (365)	100	-	-	91	-	-	67	100	-	-	-	-	-	-
<i>Streptococcus dysgalactiae</i> (Group C/G) (287)	100	-	-	77	-	-	56	100	-	-	-	-	-	-
<i>Streptococcus agalactiae</i> (Group B) (189)	100	-	-	74	-	-	37	100	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i> (26) ^c - non-meningitis criteria	See note ^d	-	-	92	-	74	100	100	-	-	100	100	-	-
<i>Streptococcus pneumoniae</i> (26) ^{c,e} - meningitis criteria	65	-	-	-	-	-	-	100	-	-	100	100	-	-
<i>Enterococcus faecalis</i> (806) ^a	-	100	R	R	R	R	-	100	-	-	R	R	100 ^f	94 ^f
<i>Enterococcus faecium</i> (143)	-	12	R	R	R	R	-	100	-	-	R	R	56 ^f	10 ^f

^a MRSA are also resistant to amoxicillin-clavulanate, cephalosporins (excluding ceftaroline) and carbapenems.

^b Urinary infections with *S. saprophyticus* respond to concentrations achieved in the urine of antimicrobial agents commonly used to treat acute uncomplicated urinary tract infections (eg nitrofurantoin, trimethoprim-sulfamethoxazole).

^c *S. pneumoniae* isolates are from blood cultures and CSF only.

^d For non-meningitis *S. pneumoniae* isolates susceptibility is dose dependent; 100% susceptible at 1.2 g Q6H; 100% susceptible at 2.4 g Q6H or 1.2g Q4H; 100% susceptible at 2.4 g Q4H. Non-meningitis isolates are considered resistant when MIC > 2 mg/L. For non-meningitis isolates, a penicillin MIC of ≤0.06 mg/L can predict susceptibility to penicillin (oral or parenteral), and other β-lactam agents including amoxicillin, cefaclor (high dose), cefuroxime, ceftriaxone, and meropenem.

^e When meningitis is suspected, a penicillin MIC of ≤ 0.06 mg/L mg/L is considered susceptible.

^f Nitrofurantoin and norfloxacin only apply to lower urinary tract *Enterococcus* isolates.