

Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from adult and paediatric clinical specimens: 2020

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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	Amikacin	Vancomycin	Fusidic acid	Mupirocin	Ceftriaxone	Moxifloxacin	Nitrofurantoin	Norfloxacin
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<i>Staphylococcus aureus</i> – all (4179)	14	-	83	83	90	99	99	100 (58) ^g	100	87	98	-	-	-	-
Methicillin-resistant <i>Staphylococcus aureus</i> (658) ^a	R	-	R	74	84	99	99	-	100	71	98	-	-	-	-
<i>Staphylococcus epidermidis</i> (584)	-	-	28	46	65	53	94	77 (26) ^g	100	-	-	-	-	-	-
<i>Staphylococcus lugdunensis</i> (85)	53	-	88	99	99	100	100	-	100	-	-	-	-	-	-
Other coagulase negative Staphylococci (279) ^b	-	-	38	58	74	80	95	-	100	-	-	-	-	-	-
<i>Streptococcus pyogenes</i> (543)	100	-	-	93	-	-	70	-	100	-	-	-	-	-	-
<i>Streptococcus dysgalactiae</i> (Group C/G) (72)	100	-	-	85	-	-	53	-	100	-	-	-	-	-	-
<i>Streptococcus agalactiae</i> (192)	100	-	-	78	-	-	37	-	100	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i> (23) ^c - non-meningitis criteria	See note ^d	-	-	83	-	68	83	-	100	-	-	96	100 (15) ^g	-	-
<i>Streptococcus pneumoniae</i> (23) ^{c,e} - meningitis criteria	61	-	-	-	-	-	-	-	100	-	-	91	100 (15) ^g	-	-
<i>Enterococcus faecalis</i> (100)	-	100	R	R	R	R	-	R	100	-	-	R	R	100 ^f	96 ^f
<i>Enterococcus faecium</i> (122)	-	17	R	R	R	R	-	R	99	-	-	R	R	49 ^f	19 ^f

^a MRSA are also resistant to amoxicillin-clavulanate, cephalosporins 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; 83% susceptible at 1.2 g Q6H; 87% susceptible at 2.4 g Q6H or 1.2g Q4H; 91% 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.

^g Number of isolates tested against this antimicrobial