

Additional tables

Details of the antimicrobial resistance profiles is described in Tables S1, S2, S3 and S4.

Table S1: Antibiotic resistant profile of oxacillin-resistant *Staphylococcus aureus* strains.

Antibiotics	Clinical Case Number				
	SS32	SS53	SS160	SS164	SS400
Penicillin	R ^{&}	R	R	R	R
Oxacillin	R	R	R	R	R
Teicoplanin	S ^a	S	S	S	S
Vancomycin (MIC [#] µg/L)	0.3	1	0.5	0.5	1
Erythromycin	R	S	S	S	S
Ciprofloxacin	R	R	R	R	R
Clindamycin	R	R	R	R	R
TMP/SMX**	S	S	S	S	S
Tetracycline	S	S	S	S	S

R[&] = Resistant to tested antibiotic; S^a = Sensitive to tested antibiotic; SMX/TMP** = Sulfamethoxazole / Trimethoprim; MIC[#] = Minimal Inhibitory Concentration value, expressed in µg/L, obtained by means of Etest.

Table S2: Antibiotic resistant profile of oxacillin-resistant coagulase-negative *Staphylococcus* strains.

Antibiotics	Clinical Case Number				
	SS112	SS119	SS123	SS126	SS141
Penicillin	R ^{&}	R	R	R	R
Oxacillin	R	R	R	R	R
Teicoplanin	S ^a	R	R	R	S
Vancomycin (MIC [#] µg/l)	1	1.5	1	0.5	0.75
Erythromycin	R	R	R	R	R
Ciprofloxacin	R	S	R	R	S
Levofloxacin	R	S	R	R	S
Clindamycin	R	R	R	R	S
SMX/TMP**	R	S	R	R	S
Tetracycline	S	S	S	R	S
Chloramphenicol	R	S	R	R	S

R[&] = Resistant to tested antibiotic; S^a = Sensitive to tested antibiotic; SMX/TMP** = Sulfamethoxazole / Trimethoprim; MIC[#] = Minimal Inhibitory Concentration value, expressed in µg/L, obtained by means of Etest

Table S3: Antibiotic resistant profile of *Pseudomonas aeruginosa* strains.

Antibiotics	Clinical Case Number/ ATCC strain				
	SS461	SS462	SS486	SS487	ATCC 27853
Gentamicin	R ^{&}	R	S ^a	R	S
Amikacin	R	R	S	R	S
Ceftazidime	S	S	S	R	S
Cefepime	R	R	S	R	S
Aztreonam	R	R	R	S	S
Meropenem	R	R	R	R	S
Imipenem	R	S	R	R	S
Pip/Taz ^b	R	R	S	S	S
Tic/Clv ^c	R	R	R	S	S
Ciprofloxacin	R	R	S	R	S
Levofloxacin	R	R	S	R	S
Polymyxin (MIC [#] µg/l)	1.0	1.0	0.45	Not Tested*	0.25

R[&] = Resistant to tested antibiotic; S^a = Sensitive to tested antibiotic; Pip/Taz^b = Piperacillin / Tazobactam; Tic/Clv^c = Ticarcillin / Clavulanate; MIC[#] = Minimal Inhibitory Concentration, expressed in µg/L, obtained by means of Etest; * = the test was not performed.

Table S4: Antibiotic resistant profile of *Klebsiella pneumoniae* strains.

Antibiotic	Clinical Case Number/ATCC strain				
	SS71 (KPC)	SS290 (ESBL)	SS313 (KPC)	SS443 (ESBL)	ATCC 700603
Ampicillin	R ^{&}	R	R	R	R
Amx / Clv ^d	R	R	R	S ^a	R
Gentamicin	R	S	R	R	S
Amikacin	S	S	S	R	S
Ceftriaxone	R	R	R	R	R
Ceftazidime	R	R	R	R	R
Cefepime	R	R	R	R	R
Aztreonam	R	R	R	R	R
Meropenem	R	S	R	S	S
Imipenem	R	S	R	S	S
Ertapenem	R	S	R	S	S
Ciprofloxacin	R	R	R	R	R
Levofloxacin	R	R	R	R	R
SMX/TMP ^{**}	R	R	R	R	R
Chloramphenicol	R	R	R	R	R
Tigecycline	S	S	R	S	S
Polymyxin (MIC [#] µg/L)	1	1	0.38	1	1

R[&] = Resistant to tested antibiotic; S^a = Sensitive to tested antibiotic; Amx / Clv^d = Amoxicillin/Clavulanate; SMX/TMP^{**} = Sulfamethoxazole/Trimethoprim; MIC[#] = Minimal Inhibitory Concentration value, expressed in µg/L, obtained by means of Etest.