

Supplementary Table 1. Details of detected bacteria among sepsis patients

Variables	Overall (N=7,024)	Community- acquired (n=3,918)	Nursing home- acquired (n=403)	Long-term-care hospital-acquired (n=926)	Hospital-acquired (n=1,777)	P
Detection of any bacteria	4113 (58.6)	2194 (56.0)	284 (70.5)	548 (59.2)	1087 (61.2)	<0.001
Gram-positive	1230 (17.5)	587 (15.0)	66 (16.4)	163 (17.6)	414 (23.3)	<0.001
<i>Staphylococcus aureus</i>	340 (4.8)	173 (4.4)	16 (4.0)	43 (4.6)	108 (6.1)	0.042
<i>Enterococcus faecium</i>	221 (3.1)	76 (1.9)	5 (1.2)	19 (2.1)	121 (6.8)	<0.001
<i>Enterococcus faecalis</i>	183 (2.6)	72 (1.8)	7 (1.7)	34 (3.7)	70 (3.9)	<0.001
Non- <i>S. aureus</i>	115 (1.6)	54 (1.4)	2 (0.5)	24 (2.6)	35 (2.0)	0.01
Staphylococcus spp.						
<i>Streptococcus pneumoniae</i>	107 (1.5)	60 (1.5)	17 (4.2)	19 (2.1)	11 (0.6)	<0.001
<i>Corynebacterium striatum</i>	63 (0.9)	17 (0.4)	2 (0.5)	9 (1.0)	35 (2.0)	<0.001
<i>Streptococcus agalactiae</i>	40 (0.6)	25 (0.6)	5 (1.2)	5 (0.5)	5 (0.3)	0.087
<i>Streptococcus pyogenes</i>	4 (0.1)	1 (0.0)	1 (0.2)	0 (0.0)	2 (0.1)	0.09
<i>Listeria monocytogenes</i>	2 (0.0)	2 (0.1)	0 (0.0)	0 (0.0)	0 (0.0)	>0.999
Other gram-positive bacteria	274 (3.9)	154 (3.9)	13 (3.2)	30 (3.2)	77 (4.3)	0.482
Gram-negative	3012 (42.9)	1642 (41.9)	228 (56.6)	409 (44.2)	733 (41.2)	<0.001
<i>Escherichia coli</i>	1355 (19.3)	809 (20.6)	114 (28.3)	150 (16.2)	282 (15.9)	<0.001
<i>Klebsiella pneumoniae</i>	868 (12.4)	496 (12.7)	57 (14.1)	117 (12.6)	198 (11.1)	0.261
<i>Pseudomonas aeruginosa</i>	350 (5.0)	139 (3.5)	26 (6.5)	76 (8.2)	109 (6.1)	<0.001
<i>Acinetobacter baumannii</i>	192 (2.7)	61 (1.6)	8 (2.0)	54 (5.8)	69 (3.9)	<0.001
Proteus spp.	134 (1.9)	42 (1.1)	29 (7.2)	42 (4.5)	21 (1.2)	<0.001
<i>Enterobacter cloacae</i>	87 (1.2)	42 (1.1)	1 (0.2)	7 (0.8)	37 (2.1)	0.002
<i>Klebsiella oxytoca</i>	77 (1.1)	47 (1.2)	3 (0.7)	5 (0.5)	22 (1.2)	0.289
Citrobacter spp.	66 (0.9)	36 (0.9)	2 (0.5)	3 (0.3)	25 (1.4)	0.032
<i>Klebsiella (Enterobacter)</i>						
<i>aerogenes</i>	55 (0.8)	31 (0.8)	1 (0.2)	4 (0.4)	19 (1.1)	0.185
<i>Serratia marcescens</i>	33 (0.5)	17 (0.4)	0 (0.0)	7 (0.8)	9 (0.5)	0.32
<i>Haemophilus influenzae</i>	29 (0.4)	19 (0.5)	4 (1.0)	3 (0.3)	3 (0.2)	0.078
<i>Sternotrophomonas</i>						
<i>maltophilia</i>	24 (0.3)	5 (0.1)	1 (0.2)	1 (0.1)	17 (1.0)	<0.001
Other gram-negative bacteria	199 (2.8)	108 (2.8)	9 (2.2)	23 (2.5)	59 (3.3)	0.466