

Table S1. Total Number of Isolated Species

Isolated species	n (%)	Polymicrobial infection (%)	Infection related death (%)
<i>Staphylococcus aureus</i>	227 (17.3%)	11 (4.8%)	11 (4.8%)
<i>Escherichia coli</i>	153 (11.6%)	9 (5.9%)	13 (8.5%)
Coagulase negative Staphylococcus	133 (10.1%)	13 (9.8%)	11 (8.3%)
<i>Klebsiella pneumoniae</i>	114 (8.7%)	16 (14.0%)	12 (10.5%)
<i>Pseudomonas aeruginosa</i>	76 (5.8%)	4 (5.3%)	17 (22.4%)
<i>Enterococcus faecium</i>	74 (5.6%)	9 (12.2%)	21 (28.4%)
<i>Enterobacter cloacae</i>	51 (3.9%)	3 (5.9%)	9 (17.6%)
<i>Enterococcus faecalis</i>	48 (3.7%)	11 (22.9%)	0 (0.0%)
<i>Acinetobacter baumannii</i>	44 (3.3%)	4 (9.1%)	19 (43.2%)
Viridans group Streptococcus	43 (3.3%)	4 (9.3%)	2 (4.9%)
<i>Candida albicans</i>	41 (3.1%)	1 (2.4%)	12 (29.3%)
<i>Streptococcus pneumoniae</i>	37 (2.8%)	1 (2.7%)	3 (8.1%)
<i>Serratia marcescens</i>	22 (1.7%)	1 (4.5%)	2 (9.1%)
<i>Candida parapsilosis</i>	22 (1.7%)	0 (0.0%)	3 (13.6%)
<i>Enterobacter aerogenes</i>	21 (1.6%)	2 (9.5%)	1 (4.8%)
<i>Enterococcus gallinarum</i>	20 (1.5%)	5 (25.0%)	2 (10.0%)
<i>Stenotrophomonas maltophilia</i>	19 (1.4%)	1 (5.3%)	5 (26.3%)
Candida species, others	16 (1.2%)	1 (5.9%)	2 (11.8%)
Bacillus species	15 (1.2%)	0 (0.0%)	2 (12.5%)
<i>Burkholderia cepacia</i>	14 (1.1%)	0 (0.0%)	1 (7.1%)
<i>Klebsiella oxytoca</i>	11 (0.8%)	0 (0.0%)	0 (0.0%)
<i>Streptococcus agalactiae</i>	11 (0.8%)	0 (0.0%)	0 (0.0%)
Others	101 (7.7%)	5 (4.5%)	16 (14.3%)
Total	1315	53 (4.0%)	164 (12.5%)

Table S2. Major pathogens according to underlying morbidity

Species	Congenital anomaly			Complications from preterm delivery				Malignancy			
	No.	Polymicrobial infection	Mortality	Species	No.	Polymicrobial infection	Mortality	Species	No.	Polymicrobial infection	Mortality
<i>Staphylococcus aureus</i>	28 (23.9%)	3	8	<i>Staphylococcus aureus</i>	27 (13.4%)	1	8	<i>Staphylococcus aureus</i>	87 (15.6%)	3	28
Coagulase negative Staphylococcus	17 (14.5%)	1	4	<i>Enterococcus faecalis</i> ****	26 (12.9%)	5	3	<i>Escherichia coli</i>	84 (15.0%)	5	36
<i>Klebsiella pneumoniae</i>	12 (10.3%)	3	5	<i>Klebsiella pneumoniae</i>	22 (10.9%)	6	6	Coagulase negative Staphylococcus	61 (10.9%)	7	23
<i>Enterococcus faecalis</i> ****	10 (8.5%)	4	3	<i>Escherichia coli</i>	20 (9.9%)	2	4	<i>Klebsiella pneumoniae</i>	50 (8.9%)	3	24
<i>Enterococcus faecium</i>	7 (6.0%)	0	1	<i>Streptococcus agalactiae</i>	16 (7.9%)	0	3	<i>Pseudomonas aeruginosa</i>	41 (7.3%)	1	23
Viridans group Streptococcus	6 (5.1%)	0	0	<i>Candida albicans</i> ***	15 (7.4%)	0	5	<i>Enterococcus faecium</i>	39 (7.0%)	4	22
<i>Enterobacter cloacae</i>	6 (5.1%)	0	0	<i>Enterobacter cloacae</i>	13 (6.4%)	0	4	Viridans group Streptococcus	22 (3.9%)	0	9
<i>Candida albicans</i>	5 (4.3%)	0	2	Coagulase negative Staphylococcus	13 (6.4%)	1	3	<i>Enterobacter cloacae</i>	19 (3.4%)	3	8
<i>Pseudomonas aeruginosa</i>	5 (4.3%)	1	4	<i>Enterobacter aerogenes</i>	9 (4.5%)	1	0	<i>Acinetobacter baumannii</i>	18 (3.2%)	1	11
<i>Serratia marcescens</i>	4 (3.4%)	1	0	<i>Serratia marcescens</i>	9 (4.5%)	2	3	Bacillus species	14 (2.5%)	1	6
<i>Enterobacter aerogenes</i>	4 (3.4%)	0	1	<i>Candida parapsilosis</i>	7 (3.5%)	0	3	<i>Streptococcus pneumoniae</i>	13 (2.3%)	1	5
Others	20 (17.1%)	0	5	Others	36 (17.8%)	1	10	Others	124 (22.2%)	4	62
Total	117	7	29	Total	202	11	50	Total	559	21	252

Comparison of a certain status within a species/group was done among underlying condition. Asterisks indicate the level of statistical significance; *p < 0.05, **p < 0.01, ***p < 0.001, ****p < 0.0001. *Enterococcus faecalis* was isolated significantly higher in patients with congenital abnormalities and infants with complications, compared to patients with malignancy. *Candida albicans* was also isolated higher in infants with complications.