

Supplemental Digital Content

Table S5 Source of infection

Source	n	%
Abdominal	11	12,5
Central nervous system	5	5,68
Genitourinary tract	5	5,68
Intravascular catheter	5	5,68
Lung	54	61,36
Soft tissue	6	6,82
Unknown	2	2,27
Total	88	100

Table S6 Samples from the Infection group

Sample	Total	Positive	Negative
BAL	5	4	1
Blood culture	117	72	45
Catheter tip	5	4	1
CSF	16	16	0
Intra-abdominal	4	3	1
Nose	4	1	3
Permanent urinary catheter	18	4	14
Pleural fluid	3	3	0
Skin	2	0	2
Throat	1	0	1
Tracheal aspiration	68	58	10
Urine	16	14	2
Wound	22	20	2
Total	281	199	82

BAL - bronchoalveolar lavage, CSF – cerebrospinal fluid

Table S7 Pathogens from the infection group

Pathogenes	Sample	n
<i>Acinetobacter baumannii</i>	tracheal aspiration	2
<i>Acinetobacter haemolyticus</i>	blood culture	1
<i>Acinetobacter</i> spp.	wound	1
<i>Arcanobacterium bernardiae</i>	intra-abdominal	1
<i>Bacillus cereus</i>	CSF	1
<i>Bacillus</i> spp.	blood culture	2
	blood culture	1
<i>Candida albicans</i>	intra-abdominal	1
	tracheal aspiration	7
	blood culture	1
Candida non-albicans	tracheal aspiration	8
<i>Clostridium perfringens</i>	BAL	1
<i>Clostridium</i> spp.	wound	1
<i>Comamonas testosteroni</i>	blood culture	1
<i>Eggerthella lenta</i>	intra-abdominal	1
	blood culture	3
<i>Enterobacter aerogenes</i>	tracheal aspiration	2
	blood culture	1
	catheter tip	1
<i>Enterobacter cloacae</i>	intra-abdominal	1
	tracheal aspiration	5
	wound	1
	blood culture	6
	intra-abdominal	2
<i>Enterococcus faecalis</i>	urine	2
	wound	2
	blood culture	3
<i>Enterococcus faecium</i>	intra-abdominal	1
	PUC	1
	blood culture	4
	intra-abdominal	3
<i>Escherichia coli</i>	PUC	3
	tracheal aspiration	6
	urine	7
<i>Filamentous fungi</i>	nose	1
<i>Finegoldia magna</i>	wound	1
<i>Fusobacterium</i> spp.	pleural fluid	1
<i>Gemella morbillorum</i>	wound	1
	blood culture	1
<i>Geotrichum capitatum</i>	urine	1

Gram + not identified coccus	blood culture	2
	blood culture	3
<i>Haemofilus influenzae</i>	tracheal aspiration	4
	blood culture	1
<i>Klebsiella oxytoca</i>	tracheal aspiration	2
	wound	1
	BAL	1
	blood culture	2
<i>Klebsiella pneumoniae</i>	intra-abdominal	1
	CSF	1
	tracheal aspiration	1
	wound	2
<i>Kocuria rhizophila</i>	blood culture	1
<i>Lactobacillus</i> spp.	wound	1
	tracheal aspiration	1
<i>Morganellamorganii</i>	urine	1
	wound	1
MRSA	blood culture	4
<i>Neisseria meningitidis</i>	tracheal aspiration	1
	pleural fluid	1
<i>Parvimonas micra</i>	wound	1
<i>Peptostreptococcus anaerobius</i>	wound	1
<i>Prevotella melaninogenica</i>	wound	1
<i>Propionibacterium acnes</i>	BAL	1
<i>Proteus mirabilis</i>	intra-abdominal	1
	wound	2
	blood culture	2
	catheter tip	1
	intra-abdominal	1
<i>Pseudomonas aeruginosa</i>	CSF	1
	tracheal aspiration	4
	urine	3
	wound	1
<i>Raoultella ornithinolytica</i>	tracheal aspiration	1
<i>Serratia marcescens</i>	tracheal aspiration	2
	BAL	1
	blood culture	6
<i>Staphylococcus aureus</i>	catheter tip	1
	tracheal aspiration	8
	wound	2
<i>Staphylococcus epidermidis</i>	blood culture	18
<i>Staphylococcus haemolyticus</i>	intra-abdominal	1

	blood culture	4
<i>Staphylococcus hominis</i>	cathete rtip	1
	CSF	1
<i>Stenotrophomonas maltophilia</i>	blood culture	1
	tracheal aspiration	1
<i>Streptococcus agalactiae</i>	tracheal aspiration	1
<i>Streptococcus equinus</i>	intra-abdominal	1
<i>Streptococcus mitis</i>	blood culture	3
<i>Streptococcus pneumoniae</i>	blood culture	1
	tracheal aspiration	2
<i>Streptococcus</i> spp.	intra-abdominal	1
<i>Streptococcus</i> type C	pleural fluid	1

CSF – cerebrospinal fluid, BAL - bronchoalveolar lavage, PUC - Permanent urinary catheter, MRSA - Methicillin-resistant *Staphylococcus aureus*