

<i>Clinical characteristics</i>	Day 0-7			Day 0-30			Day 0-90		
	Dead (n=43)	Survivor (n=609)	p- value	Dead (n=101)	Survivor (n=551)	p- value	Dead (n=176)	Survivor (n=476)	p- value
Median age, years	72	66	0.15	71	67	0.04	70	67	0.010
Male sex	26 (60)	349 (57)	0.69	52 (51)	323 (59)	0.18	93 (53)	282 (59)	0.14
Charlson index 0-1	4 (9)	91 (15)	0.31	6 (6)	89 (16)	0.007	10 (6)	85 (18)	<0.001
Charlson index 2-3	20 (47)	292 (63)	0.86	45 (45)	267 (48)	0.47	72 (41)	240 (57)	0.03
Charlson index 4-5	6 (14)	118 (19)	0.38	15 (15)	109 (20)	0.25	27 (15)	97 (20)	0.15
Charlson index >5	13 (30)	108 (18)	0.04	35 (35)	86 (16)	<0.001	67 (38)	54 (11)	<0.001
Diabetes ^{a)}	6 (14)	119 (20)	0.37	14 (14)	111 (20)	0.14	28 (16)	97 (20)	0.20
Heart disease ^{b)}	11 (26)	121 (20)	0.03	28 (28)	104 (19)	0.047	45 (26)	87 (18)	0.007
Peripheral vascular disease	3 (7)	27 (4)	0.44	4 (4)	26 (5)	1.00	7 (4)	23 (5)	0.64
Lung disease ^{c)}	15 (35)	110 (18)	0.007	32 (32)	93 (17)	0.001	46 (26)	79 (17)	0.006
Kidney disease ^{d)}	7 (16)	103 (17)	0.92	17 (17)	93 (17)	0.99	37 (21)	73 (15)	0.09
Liver disease (mild)	1 (2)	8 (1)	0.46	2 (2)	7 (1)	0.64	4 (2)	5 (1)	0.26
Liver disease (moderate-severe)	4 (9)	42 (7)	0.53	9 (9)	37 (7)	0.43	14 (8)	32 (7)	0.59
Bile disease	0 (0)	40 (7)	1.00	2 (2)	38 (7)	0.06	8 (5)	32 (7)	0.30
CNS-disease ^{e)}	10 (23)	131 (22)	0.79	32 (32)	109 (20)	0.008	43 (24)	98 (21)	0.29
Intestinal disease ^{f)}	1 (2)	69 (11)	0.07	8 (8)	62 (11)	0.32	14 (8)	56 (12)	0.16
Malignancy, all	29 (67)	320 (53)	0.06	68 (67)	281 (51)	0.002	120 (68)	229 (48)	<0.001
Hematological	11 (26)	114 (19)	0.27	24 (24)	101 (18)	0.20	35 (20)	90 (19)	0.78
Lung	6 (14)	10 (2)	<0.001	8 (8)	8 (1)	0.001	12 (7)	4 (1)	<0.001
Urogenital	3 (7)	75 (12)	0.30	7 (7)	71 (13)	0.09	20 (11)	58 (12)	0.77
Ventricle/esophagus	0 (0)	3 (0)	1.00	1 (1)	2 (0)	0.40	2 (1)	1 (0)	0.18
Bile/liver/pancreas	4 (9)	54 (9)	0.79	13 (13)	45 (8)	0.13	26 (15)	32 (7)	0.001
Colorectal	0 (0)	45 (7)	0.06	4 (4)	41 (7)	0.21	13 (7)	32 (7)	0.77
Miscellaneous ^{g)}	5 (12)	28 (5)	0.04	12 (12)	21 (4)	<0.001	16 (9)	17 (4)	0.004
Metastasized	11 (26)	92 (15)	0.07	29 (29)	74 (13)	<0.001	57 (32)	46 (10)	<0.001
Previous organ transplant ^{h)}	2 (5)	54 (9)	0.57	5 (5)	51 (9)	0.16	12 (7)	44 (9)	0.33
Neutropenia	9 (21)	87 (14)	0.24	13 (13)	83 (15)	0.57	24 (14)	72 (15)	0.63
Community-acquired infection	19 (44)	267 (44)	0.97	36 (36)	250 (45)	0.07	60 (34)	226 (47)	0.002
Healthcare-associated community-onset	8 (19)	165 (27)	0.22	28 (28)	145 (26)	0.77	54 (31)	119 (25)	0.15

Hospital-acquired infection	16 (37)	177 (29)	0.26	37 (37)	156 (28)	0.09	62 (35)	131 (28)	0.06
Urinary catheter ^{b)}	14 (33)	177 (29)	0.23	35 (35)	156 (28)	0.07	56 (32)	135 (28)	0.21
Central catheter ^{b)}	16 (37)	190 (31)	0.41	38 (38)	168 (30)	0.16	63 (36)	143 (30)	0.16
In respirator	2 (5)	4 (1)	0.05	3 (3)	3 (1)	0.05	4 (2)	2 (0)	0.05
Other catheters/stomia	2 (5)	51 (8)	0.76	8 (8)	45 (8)	0.89	12 (7)	41 (9)	0.57
Surgery within 30 d	4 (9)	73 (12)	0.60	9 (9)	68 (12)	0.33	23 (13)	54 (11)	0.55
Dialysis at onset of BSI	2 (5)	21 (3)	0.66	6 (6)	17 (3)	0.15	9 (5)	14 (3)	0.18
Dialysis due to BSI	2 (5)	8 (1)	0.14	5 (5)	5 (1)	0.01	7 (4)	3 (1)	0.005
Polymicrobial	18 (42)	124 (20)	0.001	36 (36)	106 (19)	<0.001	50 (28)	92 (19)	0.01
<i>Source of infection</i>									
Urinary tract	12 (28)	233 (38)	0.18	24 (24)	221 (40)	0.002	48 (27)	197 (41)	0.001
Respiratory tract	5 (12)	21 (3)	0.02	9 (9)	17 (3)	0.01	13 (7)	13 (3)	0.007
Bile/liver	3 (7)	103 (17)	0.09	16 (16)	90 (16)	0.90	31 (18)	75 (16)	0.57
Abdominal	5 (12)	60 (10)	0.61	14 (14)	51 (9)	0.16	25 (14)	40 (8)	0.03
Miscellaneous	1 (2)	15 (2)	1.00	2 (2)	14 (3)	1.00	5 (3)	11 (2)	0.78
CNS	0 (0)	11 (2)	1.00	1 (1)	10 (2)	1.00	2 (1)	9 (2)	0.74
Site unknown	17 (40)	166 (27)	0.08	35 (35)	148 (27)	0.11	52 (30)	131 (28)	0.61
At ICU at time of sepsis	5 (12)	20 (3)	0.02	11 (11)	14 (3)	<0.001	14 (8)	11 (2)	0.001
To ICU due to sepsis	13 (30)	54 (9)	<0.001	18 (18)	49 (9)	0.007	24 (14)	43 (9)	0.09
<i>Time to antibiotic treatment*</i>									
Treatment within 1 h	10 (24)	104 (17)	0.28	18 (18)	96 (18)	0.89	34 (20)	80 (17)	0.43
Treatment within 2 h	19 (45)	214 (35)	0.20	39 (39)	194 (36)	0.46	64 (37)	169 (36)	0.78
Treatment within 4 h	32 (76)	360 (60)	0.03	69 (70)	323 (59)	0.05	113 (65)	279 (60)	0.15
Treatment within 12 h	36 (86)	491 (81)	0.49	84 (85)	443 (81)	0.38	137 (79)	390 (83)	0.32
Treatment within 24 h	38 (90)	535 (89)	0.73	89 (90)	484 (89)	0.72	150 (87)	423 (90)	0.30
Treatment within 48 h	39 (93)	589 (98)	0.06	95 (94)	533 (98)	0.34	166 (96)	462 (98)	0.18
More than 48 h **	3 (7)	14 (2)	0.09	4 (4)	13 (2)	0.31	7 (4)	10 (2)	0.18
<i>Bacterial characteristics</i>									
ESBL	2 (5)	9 (2)	0.16	2 (2)	9 (2)	0.68	2 (4)	9 (2)	0.74

Bold = P<0.05

*calculations based on 645 patients due to missing data in 7 patients

**including patients never receiving antibiotics

^{a)}insulin and/or tablet treated

^{b)}previous AMI, aortic aneurysm >6 cm, congestive heart failure

^{c)}COPD, asthma, cancer, pleural effusion, fibrosis

^{d)}tumor, hydronephrosis, decreased function

^{e)}cerebrovascular disease, dementia

^{f)}ulcerative colitis, Crohn's disease, op-ileostomy, intestinal co-infection

^{g)}breast, head and neck, skin cancer

^{h)}kidney, liver, bone marrow, heart

ⁱ⁾indwelling urinary catheter, suprapubic catheter, bricker bladder, urinary ileostomy. Intermittent catheterization not included

^{j)}central venous catheter, central venous port, intrathecal catheter

2

3