

<i>Patients factors</i>	<i>K. pneumoniae</i>	<i>E. coli</i>	p-value	Odds ratio
	n=599	n=599	univariate	(95% confidence
	No (%)	No (%)	analysis	interval)
Age, median, years	68	68		N/A
Male sex	348 (58)	348 (58)		N/A
Charlson index, median	3	2	<0.001	N/A
Charlson index 0-1	85 (14)	206 (34)	N/A	1 (ref)
Charlson index 2-3	288 (48)	247 (41)	<0.001	3.05 (2.19-4.25)
Charlson index 4-5	116 (19)	70 (11)	<0.001	4.18 (2.78-6.32)
Charlson index >5	110 (18)	76 (12)	<0.001	3.82 (2.51-5.81)
Diabetes ^{a)}	116 (19)	99 (17)	0.21	1.21 (0.90-1.62)
Heart disease ^{b)}	118 (20)	113 (19)	0.70	1.06 (0.78-1.45)
Previous AMI	41 (7)	40 (7)	0.91	1.03 (0.65-1.63)
Angina pectoris	30 (5)	31 (5)	0.90	0.97 (0.58-1.62)
Congestive heart failure	55 (9)	58 (10)	0.76	0.94 (0.63-1.40)
Arrhythmia	55 (9)	58 (10)	0.05	0.69 (0.47-1.00)
Peripheral vascular disease	30 (5)	14 (2)	0.01	2.33 (1.19-4.59)
Hypertension	123 (21)	144 (24)	0.14	0.81 (0.62-1.07)
Lung disease ^{c)}	112 (19)	93 (16)	0.28	1.03 (0.98-1.09)
COPD	58 (10)	37 (6)	0.03	1.64 (1.05-2.57)
Asthma	20 (3)	16 (3)	0.51	1.25 (0.65-2.41)
Pleural effusion	3 (1)	6 (1)	0.33	0.50 (0.13-2.00)
Kidney disease ^{d)}	105 (18)	69 (12)	0.003	1.64 (1.18-2.29)
Decreased kidney function (moderate to severe)	83 (14)	67 (11)	0.17	1.28 (0.90-1.80)
Polycystic kidneys	11 (2)	8 (1)	0.49	1.38 (0.55-3.42)
Diabetic nephropathy	9 (2)	10 (2)	0.82	0.90 (0.37-2.21)
Liver disease (mild)	9 (2)	11 (2)	0.66	0.82 (0.34-1.97)
Liver disease (moderate-severe)	43 (7)	29 (5)	0.07	1.64 (0.96-2.78)
Bile disease	36 (6)	15 (3)	0.003	2.75 (1.42-5.32)
CNS-disease ^{e)}	129 (22)	118 (20)	0.42	1.13 (0.84-1.50)
Cerebrovascular disease, no sequela	30 (5)	30 (5)	1.00	1.00 (0.59-1.69)
Cerebrovascular disease, sequela	45 (9)	29 (5)	0.06	1.57 (0.98-2.52)
Parkinson	5 (1)	8 (1)	0.37	0.57 (0.17-1.95)
MS	6 (1)	6 (1)	1.00	1.00 (0.32-3.10)
Dementia	34 (6)	32 (5)	0.80	1.07 (0.64-1.77)
Epilepsy	5 (1)	9 (2)	0.29	0.56 (0.19-1.66)
Other CNS-disease ^{f)}	18 (3)	25 (4)	0.29	0.72 (0.39-1.32)

Crohn's disease/ulcerative colitis	15 (3)	10 (2)	0.32	1.50 (0.67-3.34)
Diverticulosis/-itis	12 (2)	14 (2)	0.67	0.83 (0.36-1.93)
GVH-reaction intestine	8 (1)	0 (0)	0.01**	N/A
Intestinal disease ^{e)}	65 (11)	47 (8)	0.06	1.49 (0.98-2.26)
Rheumatic disease ^{h)}	12 (2)	17 (3)	0.92	1.02 (0.70-1.48)
Gastric ulcer	5 (1)	7 (1)	0.57	0.71 (0.23-2.25)
Malignancy, all*	318 (53)	226 (38)	<0.001	2.07 (1.60-2.67)
Hematological	112 (19)	76 (13)	0.005	1.58 (1.15-2.17)
Urogenital	76 (13)	67 (11)	0.38	1.19 (0.81-1.76)
Colorectal	42 (7)	24 (4)	0.013	1.95 (1.15-3.30)
Pulmonary	15 (3)	19 (3)	0.48	0.78 (0.39-1.56)
Bile/liver/pancreas	51 (9)	22 (4)	<0.001	2.71 (1.55-4.72)
Breast	12 (2)	5 (1)	0.10	2.40 (0.85-6.81)
Ventricle/esophagus	2 (0)	5 (1)	0.27	0.40 (0.0-2.06)
Melanoma	5 (1)	0 (0)	0.007**	N/A
Miscellaneous	12 (2)	15 (3)	0.70	0.86 (0.40-1.85)
Metastasized	92 (15)	65 (11)	0.02	1.55 (1.08-2.22)
Previous organ transplant ⁱ⁾	51 (9)	46 (8)	0.43	1.19 (0.77-1.86)
Neutropenia	81 (14)	64 (11)	0.12 ^{a)}	1.33 (0.93-1.92)
Community-acquired infection	258 (43)	347 (58)	<0.001	0.55 (0.44-0.70)
Healthcare-associated infection	163 (27)	55 (9)	<0.001	3.57 (2.54-5.03)
Hospital-acquired infection	178 (30)	197 (33)	0.24	0.87 (0.68-1.10)
Urinary catheter ^{j)}	191 (32)	111 (19)	<0.001	2.19 (1.64-2.93)
Central catheter ^{k)}	190 (32)	96 (16)	<0.001	2.47 (1.85-3.30)
Ileostomy	28 (5)	13 (2)	0.02	2.25 (1.14-4.44)
Surgery within 30 d	76 (13)	81 (14)	0.65	0.92 (0.65-1.31)
Dialysis (HD, PD)	22 (4)	10 (2)	0.033	2.33 (1.07-5.09)
Hemodialysis	20 (3)	9 (2)	0.040	2.38 (1.04-5.43)
At ICU when onset of sepsis	24 (4)	6 (1)	0.002	4.00 (1.64-9.79)
<i>Source of infection</i>				
Urinary tract	236 (39)	385 (64)	<0.001	0.35 (0.27-0.45)
Respiratory tract	25 (4)	17 (3)	0.20	1.53 (0.80-2.94)
Bile/liver	89 (15)	46 (8)	<0.001	2.23 (1.50-3.32)
Gastrointestinal tract	57 (10)	52 (9)	0.62	1.10 (0.75-1.63)
CNS	11 (2)	0 (0)	0.003**	N/A
Miscellaneous	16 (3)	8 (1)	0.11	2.00 (0.86-4.67)
Site unknown	165 (28)	92 (15)	<0.001	2.14 (1.59-2.87)
<i>Polymicrobial infection</i>	89 (15)	66 (11)	0.047	1.42 (1.00-2.00)
<i>E. coli</i>	-	-		

<i>Viridans streptococci</i>	11 (2)	13 (2)	0.67	0.83 (0.36-1.93)
<i>S. aureus</i>	11 (2)	7 (1)	0.35	1.57 (0.61-4.05)
<i>Enterococcus faecium</i>	8 (1)	7 (1)	1.00	1.00 (0.35-2.85)
<i>Enterococcus faecalis</i>	12 (2)	9 (2)	0.49	1.38 (0.55-3.42)

Bold = P<0.05

*sum will be exceeded when summing individual malignancies due to some patients having more than one type of cancer

**using McNemar test

^{a)}insulin and/or tablet treated

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

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

^{d)}tumor, hydronephrosis, decreased function

^{e)}cerebrovascular disease, dementia

^{f)}polio, myasthenia gravis, lymphoma, previous brain surgery

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

^{h)}RA, SLE, vasculitis

ⁱ⁾kidney, liver, bone marrow, heart

^{j)}indwelling urinary catheter, suprapubic catheter, bricker bladder, urinary ileostomy. Intermittent catheterization not included

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