Characteristics	Readmission, N = 168			Dead, N = 1,034			Alive, N = 1,564		
	VAP N = 36	Hospital-acquired BSI N = 72	Healthcare-associated BSI N = 60	VAP N = 539	Hospital-acquired BSI N = 387	Healthcare-associated BSI N = 108	VAP N = 528	Hospital-acquired BSI N = 695	Healthcare-associated BSI N = 341
Age (years)									
Mean ± SD	57 ± 17	48 ± 25	62 ± 23	57 ± 23	56 ± 23	52 ± 25	49 ± 25	46 ± 26	50 ± 27
Sex									
Female	16 (44%)	33 (46%)	26 (43%)	173 (32%)	179 (46%)	49 (45%)	167 (32%)	304 (44%)	169 (50%)
Male	20 (56%)	39 (54%)	34 (57%)	366 (68%)	208 (54%)	59 (55%)	361 (68%)	391 (56%)	172 (50%)
Region									
Eastern Mediterranean Region	5 (14%)	9 (13%)	13 (22%)	40 (7.4%)	18 (4.7%)	16 (15%)	42 (8.0%)	35 (5.0%)	16 (4.7%)
South-East Asian Region	22 (61%)	29 (40%)	23 (38%)	290 (54%)	227 (59%)	54 (50%)	157 (30%)	310 (45%)	173 (51%)
Western Pacific Region	9 (25%)	34 (47%)	24 (40%)	209 (39%)	142 (37%)	38 (35%)	329 (62%)	350 (50%)	152 (45%)
World Bank income status									
High income	2 (5.6%)	20 (28%)	18 (30%)	18 (3.3%)	25 (6.5%)	14 (13%)	48 (9.1%)	94 (14%)	71 (21%)
Upper middle income	20 (56%)	32 (44%)	27 (45%)	360 (67%)	258 (67%)	41 (38%)	332 (63%)	413 (59%)	159 (47%)
Lower middle income	14 (39%)	20 (28%)	15 (25%)	127 (24%)	87 (22%)	37 (34%)	127 (24%)	130 (19%)	62 (18%)
Low income	0 (0%)	0 (0%)	0 (0%)	34 (6.3%)	17 (4.4%)	16 (15%)	21 (4.0%)	58 (8.3%)	49 (14%)
Primary admission reason									
Cardiovascular condition	0 (0%)	0 (0%)	0 (0%)	38 (7.1%)	27 (7.0%)	5 (4.6%)	23 (4.4%)	44 (6.3%)	8 (2.3%)
Connective tissue disease	0 (0%)	1 (1.4%)	0 (0%)	3 (0.6%)	0 (0%)	0 (0%)	2 (0.4%)	8 (1.2%)	0 (0%)
Dermatological disease	0 (0%)	2 (2.8%)	0 (0%)	0 (0%)	5 (1.3%)	0 (0%)	2 (0.4%)	8 (1.2%)	2 (0.6%)
Endocrine / Metabolic disorder	0 (0%)	0 (0%)	0 (0%)	9 (1.7%)	7 (1.8%)	3 (2.8%)	4 (0.8%)	14 (2.0%)	1 (0.3%)
Gastrointestinal disorder	3 (8.3%)	5 (6.9%)	7 (12%)	43 (8.0%)	37 (9.6%)	16 (15%)	25 (4.7%)	83 (12%)	63 (18%)
Genitourinary disorder	0 (0%)	0 (0%)	0 (0%)	1 (0.2%)	3 (0.8%)	2 (1.9%)	1 (0.2%)	5 (0.7%)	5 (1.5%)
Gynaecological disorder	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.5%)	0 (0%)	2 (0.4%)	9 (1.3%)	4 (1.2%)
Haematological disease	0 (0%)	5 (6.9%)	2 (3.3%)	6 (1.1%)	11 (2.8%)	2 (1.9%)	3 (0.6%)	33 (4.7%)	4 (1.2%)
Infectious disease	3 (8.3%)	12 (17%)	13 (22%)	94 (17%)	55 (14%)	21 (19%)	77 (15%)	76 (11%)	112 (33%)
Neurological disease	11 (31%)	6 (8.3%)	0 (0%)	66 (12%)	28 (7.2%)	5 (4.6%)	109 (21%)	66 (9.5%)	13 (3.8%)
Oncologic disorder	2 (5.6%)	19 (26%)	14 (23%)	13 (2.4%)	47 (12%)	11 (10%)	14 (2.7%)	103 (15%)	45 (13%)
Orthopaedic condition	0 (0%)	2 (2.8%)	0 (0%)	7 (1.3%)	10 (2.6%)	0 (0%)	8 (1.5%)	12 (1.7%)	4 (1.2%)
Pulmonary disease	1 (2.8%)	4 (5.6%)	3 (5.0%)	157 (29%)	65 (17%)	15 (14%)	122 (23%)	56 (8.1%)	27 (7.9%)
Renal disorder	5 (14%)	3 (4.2%)	5 (8.3%)	12 (2.2%)	23 (5.9%)	9 (8.3%)	9 (1.7%)	34 (4.9%)	23 (6.7%)
Trauma	9 (25%)	0 (0%)	0 (0%)	32 (5.9%)	13 (3.4%)	4 (3.7%)	72 (14%)	37 (5.3%)	2 (0.6%)
Undetermined	0 (0%)	1 (1.4%)	1 (1.7%)	5 (0.9%)	3 (0.8%)	1 (0.9%)	1 (0.2%)	1 (0.1%)	1 (0.3%)
Others	2 (5.6%)	11 (15%)	15 (25%)	53 (9.8%)	51 (13%)	14 (13%)	54 (10%)	106 (15%)	27 (7.9%)
Charlson comorbidity index									
Median [IQR]	0 [0, 1]	1 [0, 2]	2 [0, 2]	0 [0, 1]	1 [0, 2]	1 [0, 2]	0 [0, 1]	0 [0, 2]	1 [0, 2]
Severity score of disease *									
Median [IQR]	8 [4, 8]	4 [0, 6]	4 [0, 4]	8 [8, 12]	8 [4, 12]	8 [4, 8]	8 [4, 8]	4 [0, 8]	4 [0, 8]
Usage of medical devices †									
Yes	36 (100%)	70 (97%)	58 (97%)	538 (100%)	385 (99%)	102 (94%)	527 (100%)	677 (97%)	324 (95%)
No	0 (0%)	2 (2.8%)	2 (3.3%)	1 (0.2%)	2 (0.5%)	6 (5.6%)	1 (0.2%)	18 (2.6%)	17 (5.0%)
ICU/HD admissions of enrolment									
Yes	34 (94%)	24 (33%)	13 (22%)	451 (84%)	288 (74%)	71 (66%)	489 (93%)	370 (53%)	103 (30%)
No	2 (5.6%)	48 (67%)	47 (78%)	88 (16%)	99 (26%)	37 (34%)	39 (7.4%)	325 (47%)	238 (70%)
Type of pathogens									
Monomicrobial	16 (44%)	68 (94%)	52 (87%)	400 (74%)	318 (82%)	100 (93%)	395 (75%)	619 (89%)	316 (93%)
Polymicrobial	20 (56%)	4 (5.6%)	8 (13%)	139 (26%)	69 (18%)	8 (7.4%)	133 (25%)	76 (11%)	25 (7.3%)
Gram-negative bacteria									
Third-generation cephalosporins-susceptible	12 (33%)	32 (44%)	31 (52%)	87 (16%)	88 (23%)	52 (48%)	149 (28%)	279 (40%)	164 (48%)
Third-generation cephalosporins-resistant	6 (17%)	22 (31%)	22 (37%)	65 (12%)	87 (22%)	35 (32%)	84 (16%)	196 (28%)	125 (37%)
Carbapenem-resistant	18 (50%)	18 (25%)	7 (12%)	387 (72%)	212 (55%)	21 (19%)	295 (56%)	220 (32%)	52 (15%)

* Standardized severity score included qSOFA for adults, sepsis six recognition features for children, and general WHO severity signs for neonates.

† Medical devices involved one or more of the following: peripheral intravenous catheter, central venous catheter, indwelling urinary catheter, and intubation/machine ventilator.