

Supplemental Table 1. Characteristics of the study population in the validation cohort.

	Infection with organ dysfunction (n=21)	Infection without organ dysfunction (n=42)	No infection (n=41)
Age, mean years (range)	58.4 (43-80)	58.5 (20-90)	60.5 (32-94)
Gender, % female	33	36	55
Comorbidities, n (%)			
Cardiovascular disease	9 (43)	15 (36)	18 (44)
Diabetes mellitus	4 (19)	7 (17)	12 (29)
Renal disease	2 (10)	6 (14)	5 (12)
Liver disease	3 (14)	1 (2)	2 (5)
Malignancy	0 (0)	2 (5)	2 (5)
Respiratory disease	12 (57)	11 (26)	13 (32)
Immunocompromised	1 (5)	4 (10)	2 (5)
No comorbidities	4 (19)	13 (31)	15 (37)
Source of infection, n (%)			
Lower respiratory	13 (62)	14 (33)	0
Urogenital	4 (19)	6 (12)	0
Skin/soft tissue	1 (5)	15 (36)	0
Intra-abdominal	1 (5)	4 (10)	0
Other	1 (5)	2 (5)	0
Unknown	1 (5)	0 (0)	0
Vital signs day 0, mean (range)			
Temperature, °C	37.7 (34.0-39.5)	36.9 (36.0-38.2)	36.8 (36.2-38.5)
Heart rate, beats/min	94 (50-157)	93 (56-145)	91 (58-142)
Respiratory rate, per min	25 (12-40)	20 (16-40)	19 (16-38)
Mean arterial pressure	63.5 (55-75)	94.6 (70-118)	87.4 (63-141)
ICU n (%)	17 (81)	0	2 (5)
Respiratory failure	15 (71)	0	4 (10)
Cardiovascular failure	14 (67)	0	0
Renal failure	6 (29)	0	3 (7)
HBP ng/mL median (range)	55.7 (3-284)	5.0 (1-110)	3.6 (1-25)
Lactate mmol/L median (range)	3.4 (0.4-14.1)	1.4 (0.5-5.3)	1.7 (0.6-7.0)

ICU=Intensive Care Unit