

Supplementary materials

Table S1. Comparison of non-infected surviving patients stratified by the Barthel Index at discharge.

	Barthel Index <60	Barthel Index ≥60	p
<i>n</i>	359	609	
Age (years)	80.0 [70.0–87.0]	68.0 [53.0–79.0]	<0.001*
Male	193 (53.8)	378 (62.1)	0.013*
SOFA score	3.0 [2.0–5.0]	4.0 [1.0–6.0]	0.749
APACHE II score	13.0 [10.0–18.0]	12.0 [8.0–18.0]	0.036*
Length of hospitalization (days)	3.0 [2.0–9.0]	2.0 [2.0–6.0]	<0.001*
ICU admission	48 (13.4)	71 (11.7)	0.495
Mechanical ventilation	29(8.1)	43(7.1)	0.649
Renal replacement therapy	21 (5.8)	28 (4.6)	0.48
ALB (g/dl)	3.5 (0.7)	3.8 (0.7)	<0.001*

*: *p* value < 0.05. Values are shown as median [IQR] or n(%). IQR, interquartile range; SOFA, sequential organ failure assessment; APACHE, acute physiology and chronic health evaluation; ICU, intensive care unit; ALB, albumin.

Table S2. Results of a multiple regression analysis of surviving patients with Barthel Index at discharge.

	β	p
Age	-0.171	0.004*
Sex	0.009	0.854
APACHE II	-0.088	0.089
Length of hospitalization	-0.021	0.65
Need for care prior to admission†	-0.375	<0.001*
Cognitive impairment	-0.111	0.028*
HGB‡	-0.036	0.538
PLT‡	-0.050	0.408
ALB‡	0.115	0.048*
BUN‡	-0.099	0.046*
R ²	0.291	<0.001*

*: *p* value < 0.05, †: Use of long-term care insurance, ‡: laboratory data on admission. β , standardized partial regression coefficient; APACHE, acute physiology and chronic health evaluation; HGB, hemoglobin; PLT, platelet; ALB, albumin; BUN, blood urea nitrogen; R², coefficient of determination.