Supplementary Table 1. Univariate analyses of patient age and general condition with initial clinical presentation, treatment response, and clinical outcome (n=135)

Variable	Age >70 yr (n=46, 34.1%)		CCI >1 (n=73, 54.1%)		Chronic hepatitis or ESRD (n=8, 5.9%)	
	OR (95% CI)[a]	*P*-value	OR (95% CI)[a]	*P*-value	OR (95% CI)[a]	*P*-value
Initial presentation						
Necrotizing fasciitis	4.30 (1.02–18.07)	0.046[b]	7.51 (1.29–61.80)	0.041	2.13 (1.23–19.45)	0.045[b]
Simultaneous mediastinitis	1.49 (0.56–4.02)	0.428	0.57 (0.21–1.52)	0.263	2.16 (1.40–11.57)	0.037[b]
Bilateral involvement	1.39 (0.60–3.22)	0.439	1.14 (0.51–2.59)	0.747	2.22 (0.94–9.89)	0.092
Extended to >1 cervical level	1.34 (0.63–2.83)	0.444	1.30 (0.64–2.62)	0.467	1.82 (0.35–9.38)	0.473
Serum CRP >20 mg/dL	2.10 (1.02–4.33)	0.044[b]	1.36 (0.69–2.70)	0.375	4.06 (1.78–20.88)	0.009[b]
Clinical outcomes and treatment response						
Length of hospitalization >14 days	3.11 (1.45–6.69)	0.004[b]	1.95 (0.98–3.88)	0.057	2.69 (0.52–13.82)	0.237
No. of surgical drainage >1	1.13 (0.55–2.31)	0.743	1.29 (0.65–2.56)	0.466	4.19 (0.81–21.57)	0.087
Death	1.69 (0.49–5.86)	0.410	1.54 (0.43–5.52)	0.509	1.08 (0.23–2.12)	0.913
1-Week follow-up CRP >5 mg/dL	1.24 (0.60–2.54)	0.562	0.71 (0.36–1.41)	0.324	0.81 (0.19–3.54)	0.781
Time interval for 50% decrease of initial CRP >7 days	2.26 (1.01–5.05)	0.047[b]	1.21 (0.55–2.66)	0.643	1.03 (0.20–5.38)	0.970

OR, odds ratio; CI, confidence interval; CCI, Charlson comorbidity index; ESRD, end-stage renal disease; CRP, C-reactive protein.
[a]The OR was calculated using univariate logistic regression analysis. [b]*P*-value <0.05.

Supplementary Table 2. Differences in the clinical manifestations according to 2-week serum albumin level (n=73)

Patient demographics	2-Week hypoalbuminemia (serum albumin <3.0 g/dL, n=41)	2-Week normoalbuminemia (serum albumin ≥3.0 g/dL, n=32)	*P*-value[a]
Age (yr)	63.3±15.8	67.7±14.3	0.219
CCI >1	26 (63.4)	19 (59.4)	0.725
IV albumin replenishment >1	16 (39.0)	22 (68.8)	0.012[b]
Length of hospitalization (day)	27.4±14.2	28.0±13.7	0.848
No. of surgical drainage	1.7±1.0	2.1±1.3	0.153
No. of dead patients	4 (9.8)	3 (9.4)	1.000

Values are presented as mean±standard deviation or number (%).
CCI, Charlson comorbidity index; IV, intravenous.
[a]The values or the portion of each clinical factor between hypoalbuminemia and normoalbuminemia group at 2-week treatment were compared using the Student *t*-test, chi-square, and Fisher exact test. [b]*P*-value <0.05.

Supplementary Table 3. Univariate and multivariate analyses of the clinical outcome in patients who did not receive any intravenous albumin replenishment (n=73)

Variable	Univariate analysis		Multivariate analysis[a]	
	OR (95% CI)[b]	*P*-value	OR (95% CI)[b]	*P*-value
Serum albumin >3.0 g/dL	3.44 (1.30–9.12)	0.013[c]	3.83 (1.39–10.51)	0.009[c]
Length of hospitalization >30 days	2.44 (1.18–6.70)	0.028[c]	2.47 (0.88–6.88)	0.085
No. of surgical drainage >1	1.46 (0.58–3.67)	0.426	1.48 (0.58–3.77)	0.409
Death	3.00 (0.54–16.59)	0.208	3.19 (0.57–18.07)	0.189

OR, odds ratio; CI, confidence interval.
[a]Patients' age and Charlson comorbidity index was adjusted for the multivariate analysis. [b]The OR was calculated using univariate logistic regression analysis. [c]*P*-value <0.05.