

Electronic Table 2 Comparison of patients' characteristics between survivors and non-survivors in idiopathic group.

	Survivors (n = 20)	Non-survivors (n = 22)	P value
Gender (Male)	17 (85.0)	17 (77.3)	0.70
Age at *AE-IPF (years)	76.9 ± 3.9	77.1 ± 8.3	0.93
Comorbid lung cancer	0	3 (13.6)	0.23
Home oxygen therapy	9 (45.0)	10 (45.5)	0.98
<b>Pulmonary function test</b>			
†VC	2.2 ± 0.9 n = 12	2.0 ± 0.6 n = 8	0.69
%VC	67.0 ± 21.4 n = 12	60.4 ± 15.3 n = 8	0.46
‡FVC	1.9 ± 0.6 n = 14	2.0 ± 0.7 n = 10	0.67
%FVC	67.2 ± 24.8 n = 14	63.8 ± 21.0 n = 10	0.73
§FEV1	1.7 ± 0.7 n = 14	1.6 ± 0.5 n = 10	0.52
<b>Treatments before *AE-IPF</b>			
Corticosteroid	6 (30.0)	9 (40.9)	0.53
Immunosuppressive therapy	0	1 (4.5)	1.00
Anti-fibrotic therapy	3 (15.0)	3 (13.6)	1.00
**PPI or ††H <sub>2</sub> B	7 (35.0)	14 (63.6)	0.93
<b>Vital signs</b>			
‡‡PaO <sub>2</sub> /§§FiO <sub>2</sub>	196.0 ± 73.4 n = 12	133.0 ± 63.4 n = 16	0.02
Systolic blood pressure (mmHg)	131.5 ± 23.0	121.4 ± 19.2	0.13
Pulse (/min)	96.5 ± 19.2	96.5 ± 25.9	0.99
Body temperature (°C)	37.1±0.6	37.0 ± 0.6	0.74
<b>Laboratory data</b>			
***WBC (/μL)	9337.0 ± 3521.5	12025.0 ± 4270.2	0.03
†††Hb (g/dL)	13.5 ± 1.5	11.9 ± 2.2	0.01
‡‡‡Plt (×10 <sup>4</sup> /μL)	23.3 ± 8.9	23.7 ± 8.2	0.86
§§§TP (g/dL)	7.4 ± 0.8	7.2 ± 1.1	0.56
****LDH (U/L)	358.9 ± 108.2	386.9 ± 119.8	0.43
††††BUN (mg/dL)	14.5 ± 5.6	21.5 ± 13.6	0.04
‡‡‡‡Cre (mg/dL)	0.8 ± 0.2	1.0 ± 0.9	0.43
§§§§CRP (mg/dL)	5.5 ± 5.2	11.7 ± 7.3	< 0.01
*****KL-6 (U/mL)	1699.9 ± 1300.6 n = 19	1323.9 ± 575.0 n = 21	0.24
†††††SP-D (ng/mL)	260.5 ± 126.2 n = 17	534.0 ± 562.1 n = 15	0.06
<b>Treatments after AE-IPF</b>			
Intravenous high-dose steroids	15 (75.0)	16 (72.7)	0.86
Antibiotic therapy	12 (60.0)	20 (90.9)	0.03

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Data are presented as a number (%) or mean  $\pm$  standard deviation (SD) unless otherwise specified. \*AE-IPF: acute exacerbation of idiopathic pulmonary fibrosis. <sup>†</sup>VC: vital capacity. <sup>‡</sup>FVC: forced vital capacity. <sup>§</sup>FEV1: forced expiratory volume in 1 second. \*\*PPI: proton pump inhibitor. <sup>††</sup>H<sub>2</sub>B: H<sub>2</sub> blocker. <sup>‡‡</sup>PaO<sub>2</sub>: partial pressure of arterial oxygen. <sup>§§</sup>FiO<sub>2</sub>: fraction of inspired oxygen. \*\*\*WBC: white blood cell count. <sup>†††</sup>Hb: haemoglobin. <sup>‡‡‡</sup>Plt: platelets. <sup>§§§</sup>TP: total protein. <sup>\*\*\*\*</sup>LDH: lactate dehydrogenase. <sup>††††</sup>BUN: blood urea nitrogen. <sup>\*\*\*\*</sup>Cre: creatinine. <sup>§§§§</sup>CRP: C-reactive protein. <sup>\*\*\*\*\*</sup>KL-6: Krebs von den Lungen-6. <sup>†††††</sup>SP-D: surfactant protein D.