

Table1. PSMA of characteristics in survival and non-survival septic patients

Variables	Before PSMA			After PSMA		
	Survivor (n=9669)	Non-survivor (n=1171)	<i>P</i>	Survivor (n=1096)	Non-survivor (n=1096)	<i>P</i>
Age (mean $\pm$ SD)	63.62 $\pm$ 16.22	69.31 $\pm$ 14.38	<0.001	63.84 $\pm$ 16.08	69.51 $\pm$ 14.25	<0.001
Male [<i>n</i> (%)]	4913 (50.8)	616 (52.6)	0.259	562 (51.3)	580 (52.9)	0.467
NLR [median (Q1-Q3)]	14.06 (7.47-25.62)	17.57 (8.94-31.16)	<0.001	15.27 (7.92-26.28)	17.97 (8.94-31.85)	0.008
Respiratory Rate (/min, mean $\pm$ SD)	29.45 $\pm$ 8.43	33.02 $\pm$ 8.93	<0.001	30.93 $\pm$ 9.34	32.90 $\pm$ 8.79	<0.001
sPaO ₂ (% , mean $\pm$ SD)	89.71 $\pm$ 9.86	82.90 $\pm$ 17.87	<0.001	88.97 $\pm$ 11.54	83.22 $\pm$ 17.54	<0.001
SBP (mmHg, mean $\pm$ SD)	147.02 $\pm$ 27.15	145.22 $\pm$ 29.18	0.039	147.70 $\pm$ 28.64	144.93 $\pm$ 28.93	0.029
DBP (mmHg, mean $\pm$ SD)	88.05 $\pm$ 20.31	88.46 $\pm$ 22.33	0.528	88.62 $\pm$ 21.40	88.45 $\pm$ 22.14	0.866
monocyte (% , mean $\pm$ SD)	6.66 $\pm$ 4.29	6.32 $\pm$ 4.94	0.014	6.31 $\pm$ 4.46	6.32 $\pm$ 4.96	0.959
eosinophil [% , median (Q1-Q3)]	0.82 (0.49-1.97)	0.71 (0.36-2.17)	0.006	0.79 (0.44-2.23)	0.68 (0.35-2.37)	0.471
basophil [% , median (Q1-Q3)]	0.21 (0.11-0.53)	0.22 (0.12-0.56)	0.853	0.23 (0.12-0.57)	0.24 (0.14-0.58)	0.415
hemoglobin (g/100 mL, mean $\pm$ SD)	11.01 $\pm$ 2.33	10.65 $\pm$ 2.33	<0.001	10.77 $\pm$ 2.30	10.65 $\pm$ 2.31	0.222
hematocrit (% , mean $\pm$ SD)	33.64 $\pm$ 6.92	32.84 $\pm$ 7.08	<0.001	33.01 $\pm$ 6.89	32.80 $\pm$ 7.05	0.483
platelets ($\times 10^9/L$, mean $\pm$ SD)	220.39 $\pm$ 114.16	205.50 $\pm$ 121.64	<0.001	215.87 $\pm$ 119.77	206.04 $\pm$ 121.37	0.057
erythrocyte ($\times 10^{12}/L$, mean $\pm$ SD)	3.74 $\pm$ 0.89	3.60 $\pm$ 0.81	<0.001	3.66 $\pm$ 0.79	3.60 $\pm$ 0.81	0.062
Days of ventilation (mean $\pm$ SD)	4.28 $\pm$ 4.48	5.28 $\pm$ 5.02	<0.001	5.24 $\pm$ 5.09	5.33 $\pm$ 5.07	0.767
Days of ICU (mean $\pm$ SD)	3.55 $\pm$ 4.41	4.96 $\pm$ 5.54	<0.001	4.86 $\pm$ 5.55	5.01 $\pm$ 5.59	0.537
Days of hospital (mean $\pm$ SD)	8.37 $\pm$ 6.95	7.19 $\pm$ 6.96	<0.001	9.89 $\pm$ 7.61	7.28 $\pm$ 7.02	<0.001
Corticosteroid treatment [<i>n</i> (%)]	2907 (30.1)	328 (28.0)	0.156	295 (26.9)	309 (28.2)	0.534
Corticosteroid treatment day [median (Q1-Q3)]	7 (4-20)	5 (3-12)	0.090	7 (4-24)	6 (3-14)	0.217
SAPS3 (mean $\pm$ SD)	47.20 $\pm$ 20.79	69.16 $\pm$ 29.83	<0.001	66.62 $\pm$ 26.86	66.64 $\pm$ 26.91	0.983

PSMA: Propensity score matching analysis; SD: Standard deviation; Q1-Q3: Lower quartile – upper quartile; sPaO₂: Peripheral arterial haemoglobin oxygen saturation; SBP: Systolic blood pressure; DBP: Diastolic blood pressure; NLR: neutrophil-to-lymphocyte ratio; SAPS3: Simplified acute physiological score 3.