**SDC 4. Comparison of 7-day survivors and nonsurvivors on day 1.**

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| --- | --- | --- | --- |
| Characteristics | Survivors  (n=96) | Nonsurvivors  (n=16) | *P*-value |
| Male, n (%) | 55 (57.3) | 8 (50) | 0.586 |
| Age, years | 64 (53-75) | 67 (51-74) | 0.901 |
| WBC count (×109/L) | 13.60 (10.49-16.20) | 15.80 (12.30-19.81) | 0.021 |
| Platelet count(×109/L) | 171 (123-234) | 153 (93-205) | 0.383 |
| CRP (mg/L) | 75 (44-147) | 123 (66-160) | 0.048 |
| PCT (ng/ml) | 4.87(2.55-7.50) | 7.00 (2.47-13.28) | 0.081 |
| APACHE II score | 19 (14-23) | 24 (19-29) | 0.001 |
| SOFA score | 9 (7-12) | 15 (11-20) | <0.001 |
| sPD-1(ng/ml) | 1.74(1.20-2.96) | 3.93 (2.83-7.09) | <0.001 |
| sPD-L1(ng/ml) | 0.98 (0.43-1.75) | 2.47 (0.80-2.96) | 0.017 |
| Percentage of PD-1+CD4+ T cells (%) | 39.20(29.06-43.12) | 45.48 (41.73-56.88) | 0.001 |
| MFI of PD-1+CD4+ T cells | 5.14 (3.79-7.15) | 7.07 (5.46-8.17) | 0.016 |
| Percentage of PD-1+CD8+ T cells (%) | 37.79 (29.54-47.00) | 46.77(39.50-60.84) | 0.020 |
| MFI of PD-1+CD8+ T cells | 5.26 (3.95-6.77) | 7.41(4.91-8.63) | 0.064 |
| Percentage of PD-L1+ on monocytes (%) | 33.32 (14.76-43.23) | 60.03 (44.46-74.47) | <0.001 |
| MFI of PD-L1+ on monocytes | 4.25 (2.91-8.06) | 8.20 (4.70-9.88) | 0.007 |