|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristics | Severe sepsis  and septic shock(n=96) | Survivors  (n=73) | Nonsurvivors  (n=23) | *P*-value**#** |
| Male, n (%) | 55 (57.3) | 40 (54.8) | 15 (65.2) | 0.378 |
| Age, years | 64 (53-75) | 63 (47-75) | 67 (59-76) | 0.071 |
| WBC count (×109/L) | 12.83 (9.56-15.69) | 11.23 (8.73-13.99) | 16.25 (15.39-19.21) | 0.001 |
| Platelet count(×109/L) | 171 (123-234) | 172 (129-234) | 166 (89-234) | 0.432 |
| CRP (mg/L) | 74 (41-134) | 66 (32-106) | 126 (85-160) | 0.001 |
| PCT (ng/ml) | 4.25 (1.42-6.62) | 3.47(1.12-5.94) | 6.29 (2.94-8.42) | 0.014 |
| APACHE II score | 12 (9-16) | 10 (8-13) | 19 (16-23) | <0.001 |
| SOFA score | 7 (5-9) | 6 (4-8) | 11 (9-13) | <0.001 |
| sPD-1(ng/ml) | 1.39 (0.84-2.23) | 1.11(0.69-1.86) | 3.98 (1.77-7.07) | <0.001 |
| sPD-L1(ng/ml) | 1.00 (0.49-1.86) | 0.75 (0.42-1.61) | 1.94 (0.84-3.27) | 0.001 |
| Percentage of PD-1+CD4+ T cells (%) | 39.52 (31.930-48.02) | 37.30(30.71-46.01) | 43.12 (37.08-50.10) | 0.035 |
| MFI of PD-1+CD4+ T cells | 5.43 (3.98-7.62) | 5.18 (3.61-6.96) | 7.46 (5.43-8.36) | 0.010 |
| Percentage of PD-1+CD8+ T cells (%) | 37.48(27.31-51.54) | 32.75 (25.64-46.19) | 51.98(39.39-62.79) | <0.001 |
| MFI of PD-1+CD8+ T cells | 5.10 (3.72-7.28) | 4.77 (3.19-6.17) | 7.21 (5.75-9.26) | <0.001 |
| Percentage of PD-L1+ on monocytes (%) | 35.87 (22.38-54.73) | 33.62 (19.60-47.03) | 53.90 (39.48-72.87) | <0.001 |
| MFI of PD-L1+ on monocytes | 4.44 (3.02-7.49) | 4.00 (2.85-7.33) | 7.41 (4.41-8.92) | 0.001 |

**SDC 3. Comparison of 28-day survivors and nonsurvivors on day 7.**

#the survivor group compared with the nonsurvivor group