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| Supplemental digital contents table 1. **Patient characteristics**

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| --- | --- |
| Characteristic | Sepsis(n = 24) |
| Age, years | 69.5 (59.8-78.0) |
| Sex, male/female | 14/10 |
| APACHE II score [0-71] | 20.5 (15.3-24.0) |
| SOFA score [0-24] | 7.5 (3.5-11.0) |
| ISTH DIC score [0-8] | 3.0 (2.0-4.0) |
| Site of sepsis |  |   |  |
| Chest |  | 11 |  |
| Abdomen |  | 3 |  |
| Soft tissue |  | 3 |  |
| Urinary |  | 6 |  |
| Others |  | 1 |  |
| Microbial data |  |  |  |
| Gram positive |  | 14 |  |
| Gram negative |  | 12 |  |
| Mixed |  | 2 |  |
| Positive blood cultures |  | 3 |  |
| Other site cultures  |  | 24 |  |

 |
| Reference ranges of severity scores are expressed as [min, max]. Data are expressed as group number or median (interquartile range).APACHE, Acute Physiology and Chronic Health Evaluation; ISTH-DIC, The International Society of Thrombosis and Hemostasis-disseminated intravascular coagulation; SOFA, Sequential Organ Failure Assessment. |

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| Supplemental digital contents table 2. **Cut-off values of TF+/CD13+MPs for the diagnosis of critical patients with sepsis** |
|  | Cut-off value(/ml blood) | Sensitivity(%) | Specificity(%) | AUC | Accuracy(%) |
| TF+/CD13+MP (APACHE II score)a | 9245 | 100.0 | 47.0 | 0.72 | 58.3 |
| TF+/CD13+MPs (SOFA score)b | 11916 | 80.0 | 84.0 | 0.82 | 83.3 |
| aCut-off value for the critical patients with trauma using the APACHE II score.bCut-off value for the critical patients with severe sepsis using the SOFA score.APACHE, Acute Physiology and Chronic Health Evaluation; AUC, area under the curve; SOFA, Sequential Organ Failure Assessment. |