**Table S1.** Subgroup analysis of patient characteristics for patients from emergency departments and general wards.

| Variable | Current Ward Type | | P-value |
|---|---|---|---|
| | **Emergency Department** | **General Ward** | |
| **Microbiological investigation** | | | |
| Blood culture, n (%) | 63 (44.37) | 358 (42.57) | 0.69 |
| Sputum culture, n (%) | 16 (12.60) | 92 (12.74) | 0.96 |
| Urine culture, n (%) | 49 (35.00) | 272 (32.69) | 0.59 |
| Wound culture, n (%) | 8 (9.31) | 77 (5.71) | 0.17 |
| Other culture, n (%) | 29 (15.03) | 146 (13.79) | 0.65 |
| **Antibiotic prescription** | | | |
| Prescription present, n (%) | 122 (63.21) | 653 (61.67) | 0.68 |
| Number of antibiotics (median, range) | 1 (0-3) | 1 (0-5) | 0.91 |
| **Sepsis criteria filfilled** | | | |
| SIRS | 132 (68.39) | 607 (57.32) | 0.004 |
| SOFA | 110 (56.99) | 630 (59.49) | 0.52 |
| **Management** | | | |
| Sepsis screening tool, n (%) | 51 (27.27) | 170 (16.86) | 0.001 |
| Sepsis Six complete, n (%) | 41 (21.240 | 125 (11.82) | <0.001 |
| Senior review, n (%) | 11 (5.70) | 110 (10.34) | 0.07 |

**Table S2.** Characteristics of antibiotics prescription and microbiological investigations depending on the infection source.

| Infection source | Number of antibiotics, median (range) | Number of investigations, median (range) | Blood culture taken, n (%) |
|---|---|---|---|
| Respiratory | 1 (0-5) | 1 (0-4) | 176 (40.46%) |
| Urinary | 1 (0-4) | 1 (0-4) | 46 (52.87%) |
| Gastrointestinal | 1 (0-5) | 1 (0-4) | 81 (39.51%) |
| CNS | 1 (0-4) | 1 (0-4) | 29 (49.15%) |
| Endocarditis | 2 (0-3) | 2 (0-2) | 3 (37.50%) |
| Line infection | 2 (0-4) | 2 (0-2) | 5 (71.43%) |

CNS, Central Nervous System