**Table 1:** Demographics and clinical characteristics.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **All Patients (N = 450)** | **Survivors (N = 358)** | **Non-survivors****(N = 92)** | **P value** |
| **Demographics** |  |  |  |  |
|  Age (Median(IQR)) | 54 (40-70.5) | 52 (38-70) | 59 (48-76) | **0.002** |
|  Age, n (%) Below 18 years | 8 (1.8%) | 7 (2%) | 1 (1.1%) | 0.0680 |
|  18-34 years | 75 (16.7%) | 68 (19%) | 7 (7.6%) |  |
|  35-49 years | 94 (20.9%) | 75 (21%) | 19 (20.7%) |  |
|  50-64 years | 130 (28.9%) | 100 (27.9%) | 30 (32.6%) |  |
|  >= 65 years | 143 (31.8%) | 108 (30.2%) | 35 (38.0%) |  |
|  Gender: Male | 259 (57.6%) | 201 (56.1%) | 58 (63%) | 0.232 |
|  Female | 191 (42.4%) | 157 (43.9%) | 34 (37%) |  |
| **ICU Admission Source (N (%) :** |  |  |  | **0.001** |
|  Emergency departments | 352 (78.2%) | 293 (81.9%) | 59 (64.1%) |  |
|  Other | 98 (22.7%) | 65 (18.1%) | 33 (35.9%) |  |
| **(Co-morbidities): (N (%))** |  |  |  |  |
|  Diabetes Mellitus | 123 (27.3%) | 96 (26.8%) | 27 (29.4%) | 0.826 |
|  Liver Disease | 40 (8.9%) | 26 (7.3%) | 14 (15.2%) | **0.040** |
|  Malignancy:  | 74 (16.5%) | 42 (11.7%) | 32 (34.8%) | **< 0.001** |
|  Metastatic solid tumor | 26 (5.8%) | 12 (3.3%) | 14 (15.2%) |  |
|  Hematological | 48 (10.7%) | 30 (8.4%) | 18 (19.6%) |  |
|  PUD | 10 (2.2%) | 7 (2.0%) | 3 (3.2%) | 0.657 |
|  COPD | 24 (5.3%) | 17 (4.8%) | 7 (7.6%) | 0.524 |
|  AIDS | 40 (8.9%) | 29 (8.1%) | 11 (11.9%) | 0.481 |
|  Dementia | 5 (1.1%) | 4 (1.1%) | 1 (1.1%) | 0.986 |
|  Stroke | 69 (16.2%) | 55 (16.2%) |  13 (15.1%) | 0.769 |
| **Site of Infections:** |  |  |  |  |
|  Respiratory | 293 (65.1%) | 242 (67.6%) | 51 (55.4%) | **0.029** |
|  Renal/Urinary tract | 102 (22.7%) | 87 (24.3%) | 15 (16.3%) | 0.102 |
|  Blood stream | 98 (21.8%) | 69 (19.3%) | 29 (31.5%) | **0.011** |
|  Abdominal | 49 (10.9%) | 36 (10.1%) | 13 (14.1%) | 0.263 |
|  CNS | 21 (4.7%) | 19 (5.3%) | 2 (2.2%) | 0.274 |
| **Clinical Parameters** |  |  |  |  |
|  Temperature (> 38 or < 36 ℃) | 127 (28.2%) | 91 (25.4%) | 36 (39.1%) | **0.024** |
|  Heart Rate (> 90) | 348 (97.2%) | 259 (72.3%) | 89 (96.7%) | **0.001** |
|  White cell count (> 12 × 103/< 4 × 103) | 242 (53.8%) | 176 (49.2%) | 66 (71.7%) | **0.002** |
|  Lactate (≥ 2 mmol/l) | 138 (30.7%) | 79 (22.1%) | 59 (64.1%) | **0.0001** |
| **Culture yield:** | 94 (20.9%) | 59 (16.4%) | 35 (38.0%) | **< 0.001** |
|  Most common organisms: |  |  |  |  |
|  *Escherichia coli* | 18 (19.1%) | 14 (23.7%) | 4 (11.4%) |  |
|  *Klebsiella pneumonia* | 13 (13.8%) | 8 (13.5%) | 5 (14.3%) |  |
|  Coagulase negative Staphylococcus | 6 (6.3%) | 2 (3.39%) | 4 (11.4%) |  |
|  *Staphylococcus aureus* | 6 (6.3%) | 2 (3.39%) | 4 (11.4%) |  |

PUD: Peptic Ulcer Disease; COPD: Chronic Obstructive Pulmonary Disease; AIDS: Acquired Immunodeficiency Syndrome.