\*\*Table 1\*\*. Demographics and clinical characteristics of patients on admission

|  | | | **Mortality** | |  |
| --- | --- | --- | --- | --- | --- |
| **Group** | **Characteristic** | **All patients** (n = 287)1 | **Survivor** (n = 155)1 | **Non-survivor** (n = 132)1 | **p value**2 |
| Demographics characteristics and history | Age (years) | 60.0 (51.0, 68.0) | 56.0 (47.0, 64.5) | 64.5 (57.8, 73.0) | **<0.001** |
|  | Age (years) |  |  |  | **<0.001** |
|  | < 61 | 149 (51.9%) | 102 (65.8%) | 47 (35.6%) |  |
|  | = 61 | 138 (48.1%) | 53 (34.2%) | 85 (64.4%) |  |
|  | Sex |  |  |  | 0.46 |
|  | Female | 98 (34.1%) | 50 (32.3%) | 48 (36.4%) |  |
|  | Male | 189 (65.9%) | 105 (67.7%) | 84 (63.6%) |  |
|  | Smoking | 2 (0.7%) | 1 (0.6%) | 1 (0.8%) | 0.99 |
|  | Alcoholism | 2 (0.7%) | 1 (0.6%) | 1 (0.8%) | 0.99 |
|  | Dyslipidemia | 4 (1.4%) | 3 (1.9%) | 1 (0.8%) | 0.63 |
|  | Obesity | 44 (15.3%) | 29 (18.7%) | 15 (11.4%) | 0.085 |
|  | Hypertension | 102 (35.5%) | 43 (27.7%) | 59 (44.7%) | **0.003** |
|  | Cerebrovascular disease | 4 (1.4%) | 0 (0.0%) | 4 (3.0%) | **0.044** |
|  | Cancer | 1 (0.3%) | 0 (0.0%) | 1 (0.8%) | 0.46 |
|  | HIV | 1 (0.3%) | 0 (0.0%) | 1 (0.8%) | 0.46 |
|  | Immunesupressive disease | 3 (1.0%) | 1 (0.6%) | 2 (1.5%) | 0.60 |
|  | Chronic renal disease | 10 (3.5%) | 5 (3.2%) | 5 (3.8%) | 0.99 |
|  | Hemodialysis | 5 (1.9%) | 1 (0.8%) | 4 (3.0%) | 0.37 |
|  | Asthma | 6 (2.1%) | 4 (2.6%) | 2 (1.5%) | 0.69 |
|  | Duration of disease (days) | 7.0 (5.0, 10.0) | 7.0 (5.0, 10.0) | 7.0 (5.0, 10.0) | 0.23 |
| Signs and symtoms | Fever | 170 (59.2%) | 82 (52.9%) | 88 (66.7%) | **0.018** |
|  | Dry cought | 218 (76.0%) | 113 (72.9%) | 105 (79.5%) | 0.19 |
|  | Sore throat | 92 (32.1%) | 59 (38.1%) | 33 (25.0%) | **0.018** |
|  | General malaise | 206 (71.8%) | 115 (74.2%) | 91 (68.9%) | 0.32 |
|  | Headache | 62 (21.6%) | 49 (31.6%) | 13 (9.8%) | **<0.001** |
|  | Tachypnea | 99 (34.5%) | 65 (41.9%) | 34 (25.8%) | **0.004** |
|  | Dyspnea | 242 (84.3%) | 120 (77.4%) | 122 (92.4%) | **<0.001** |
|  | Anosmia | 16 (5.6%) | 11 (7.1%) | 5 (3.8%) | 0.22 |
|  | Dysgeusia | 13 (4.5%) | 8 (5.2%) | 5 (3.8%) | 0.58 |
|  | Lung crackles | 141 (49.1%) | 91 (58.7%) | 50 (37.9%) | **<0.001** |
|  | Diarrhea | 18 (6.3%) | 8 (5.2%) | 10 (7.6%) | 0.40 |
|  | Vomiting | 17 (5.9%) | 6 (3.9%) | 11 (8.3%) | 0.11 |
|  | Asthenia | 48 (16.7%) | 34 (21.9%) | 14 (10.6%) | **0.010** |
|  | Abdominal pain | 12 (4.2%) | 8 (5.2%) | 4 (3.0%) | 0.37 |
|  | Weight loss | 3 (1.0%) | 3 (1.9%) | 0 (0.0%) | 0.25 |
|  | Polyuria | 12 (4.2%) | 9 (5.8%) | 3 (2.3%) | 0.14 |
|  | Polidipsia | 10 (3.5%) | 8 (5.2%) | 2 (1.5%) | 0.11 |
|  | Poliphagia | 5 (1.7%) | 4 (2.6%) | 1 (0.8%) | 0.38 |
|  | Sensory |  |  |  | **<0.001** |
|  | Awake | 250 (91.2%) | 151 (97.4%) | 99 (83.2%) |  |
|  | Sleepy | 17 (6.2%) | 3 (1.9%) | 14 (11.8%) |  |
|  | Drowsy | 7 (2.6%) | 1 (0.6%) | 6 (5.0%) |  |
| Vital signs | Respiratory rate (BPM) | 26.0 (23.0, 30.0) | 26.0 (22.3, 28.0) | 28.0 (24.0, 32.0) | **<0.001** |
|  | Respiratory rate (BPM) |  |  |  | **0.006** |
|  | 24 - 30 | 138 (51.7%) | 76 (52.1%) | 62 (51.2%) |  |
|  | < 24 | 70 (26.2%) | 47 (32.2%) | 23 (19.0%) |  |
|  | 30 | 59 (22.1%) | 23 (15.8%) | 36 (29.8%) |  |
|  | Heart rate (BPM) | 100.0 (85.8, 113.0) | 98.0 (82.3, 107.8) | 105.5 (92.0, 115.8) | **<0.001** |
|  | Heart rate (BPM) |  |  |  | **<0.001** |
|  | < 100 | 133 (46.3%) | 86 (55.5%) | 47 (35.6%) |  |
|  | = 100 | 154 (53.7%) | 69 (44.5%) | 85 (64.4%) |  |
|  | SBP (mmHg) | 115.0 (100.0, 130.0) | 110.0 (100.0, 120.0) | 120.0 (100.0, 130.0) | 0.25 |
|  | SBP (mmHg) |  |  |  | **0.002** |
|  | < 140 | 246 (85.7%) | 142 (91.6%) | 104 (78.8%) |  |
|  | = 140 | 41 (14.3%) | 13 (8.4%) | 28 (21.2%) |  |
|  | DBP (mmHg) | 70.0 (60.0, 80.0) | 70.0 (60.0, 80.0) | 70.0 (60.0, 80.0) | 0.13 |
|  | DBP (mmHg) |  |  |  | **0.009** |
|  | < 90 | 258 (89.9%) | 146 (94.2%) | 112 (84.8%) |  |
|  | = 90 | 29 (10.1%) | 9 (5.8%) | 20 (15.2%) |  |
| 1Median (IQR); n (%) | | | | | |
| 2Wilcoxon rank sum test; Pearson's Chi-squared test; Fisher's exact test | | | | | |