Table 4. Laboratory findings and treatment of patients

|  | | **Patients with T2DM** | | | **Patients without T2DM** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **Characteristic** | **Survivor** (n = 114)1 | **Non-survivor** (n = 93)1 | **p value**2 | **Survivor** (n = 323)1 | **Non-survivor** (n = 298)1 | **p value**3 |
| Laboratory findings | WBC (×109/L) | 9.6 (6.9, 14.2) | 12.4 (9.6, 17.3) | **<0.001** | 10.0 (7.4, 13.9) | 12.6 (9.2, 16.8) | **<0.001** |
|  | WBC (×109/L) |  |  | **0.003** |  |  | **<0.001** |
|  | 4-10 | 52 (47.7%) | 22 (25.3%) |  | 146 (47.6%) | 74 (26.7%) |  |
|  | < 4 | 6 (5.5%) | 4 (4.6%) |  | 9 (2.9%) | 13 (4.7%) |  |
|  | 10 | 51 (46.8%) | 61 (70.1%) |  | 152 (49.5%) | 190 (68.6%) |  |
|  | Neutrophils (×109/L) | 8.0 (5.0, 12.5) | 11.2 (8.4, 16.0) | **<0.001** | 8.0 (5.5, 11.8) | 11.0 (7.4, 15.0) | **<0.001** |
|  | Neutrophils (×109/L) |  |  | **0.004** |  |  | **<0.001** |
|  | <= 6.3 | 43 (37.7%) | 18 (19.4%) |  | 127 (39.3%) | 77 (25.8%) |  |
|  | 6.3 | 71 (62.3%) | 75 (80.6%) |  | 196 (60.7%) | 221 (74.2%) |  |
|  | Lymphocytes (×109/L) | 0.9 (0.7, 1.4) | 0.9 (0.4, 1.2) | **0.009** | 1.1 (0.7, 1.6) | 0.8 (0.6, 1.1) | **<0.001** |
|  | Lymphocytes (×109/L) |  |  | 0.72 |  |  | **<0.001** |
|  | = 1 | 58 (50.9%) | 45 (48.4%) |  | 189 (58.5%) | 110 (36.9%) |  |
|  | < 1 | 56 (49.1%) | 48 (51.6%) |  | 134 (41.5%) | 188 (63.1%) |  |
|  | NLR | 8.4 (4.2, 15.5) | 13.6 (8.1, 26.8) | **<0.001** | 7.7 (4.2, 14.3) | 12.8 (8.1, 19.7) | **<0.001** |
|  | NLR |  |  | **0.001** |  |  | **<0.001** |
|  | < 5.86 | 40 (36.7%) | 13 (15.5%) |  | 115 (38.0%) | 37 (13.6%) |  |
|  | = 5.86 | 69 (63.3%) | 71 (84.5%) |  | 188 (62.0%) | 236 (86.4%) |  |
|  | Platelets (×109/L) | 183.5 (137.0, 216.0) | 264.5 (120.5, 297.8) | **<0.001** | 180.0 (100.8, 217.0) | 257.5 (62.1, 292.5) | **<0.001** |
|  | Platelets (×109/L) |  |  | 0.75 |  |  | 0.11 |
|  | = 125 | 88 (77.2%) | 70 (75.3%) |  | 223 (69.0%) | 223 (74.8%) |  |
|  | < 125 | 26 (22.8%) | 23 (24.7%) |  | 100 (31.0%) | 75 (25.2%) |  |
| Blood gas findings | SaO2 (%) | 92.0 (89.0, 95.0) | 85.5 (79.0, 91.0) | **<0.001** | 91.0 (86.0, 95.0) | 85.0 (74.0, 90.0) | **<0.001** |
|  | SaO2 |  |  | **<0.001** |  |  | **<0.001** |
|  | = 90 | 82 (71.9%) | 31 (33.3%) |  | 198 (61.3%) | 90 (30.2%) |  |
|  | < 90 | 32 (28.1%) | 62 (66.7%) |  | 125 (38.7%) | 208 (69.8%) |  |
|  | FiO2 (%) | 21.0 (21.0, 28.0) | 21.0 (21.0, 31.0) | 0.69 | 21.0 (21.0, 21.0) | 21.0 (21.0, 80.0) | **<0.001** |
|  | FiO2 (%) |  |  | 0.91 |  |  | **<0.001** |
|  | 21 (O2 therapy) | 29 (25.4%) | 23 (24.7%) |  | 73 (22.6%) | 103 (34.6%) |  |
|  | 21 | 85 (74.6%) | 70 (75.3%) |  | 250 (77.4%) | 195 (65.4%) |  |
|  | PaO2:FiO2 ratio | 249.0 (159.0, 338.0) | 139.0 (84.4, 249.3) | **<0.001** | 224.0 (130.0, 322.0) | 105.5 (69.4, 196.5) | **<0.001** |
|  | PaO2:FiO2 ratio |  |  | **<0.001** |  |  | **<0.001** |
|  | 200 | 72 (63.2%) | 35 (37.6%) |  | 201 (62.2%) | 83 (27.9%) |  |
|  | <= 200 | 42 (36.8%) | 58 (62.4%) |  | 122 (37.8%) | 215 (72.1%) |  |
|  | Calculated PaO2:FiO2 ratio | 3.5 (2.6, 4.3) | 2.8 (1.7, 3.7) | **0.009** | 3.3 (2.5, 4.1) | 2.5 (1.0, 3.5) | **<0.001** |
|  | Calculated PaO2:FiO2 ratio |  |  | 0.65 |  |  | 0.058 |
|  | 200 | 9 (7.9%) | 9 (9.7%) |  | 54 (16.7%) | 34 (11.4%) |  |
|  | <= 200 | 105 (92.1%) | 84 (90.3%) |  | 269 (83.3%) | 264 (88.6%) |  |
|  | PaO2 (mmHg) | 78.2 (67.2, 100.5) | 67.4 (54.2, 86.6) | **<0.001** | 77.2 (64.0, 95.6) | 63.2 (49.2, 82.4) | **<0.001** |
|  | PaO2 |  |  | **<0.001** |  |  | **<0.001** |
|  | = 60 | 102 (89.5%) | 61 (65.6%) |  | 278 (86.1%) | 176 (59.1%) |  |
|  | < 60 | 12 (10.5%) | 32 (34.4%) |  | 45 (13.9%) | 122 (40.9%) |  |
| Treatment | Corticosteroids | 86 (75.4%) | 78 (83.9%) | 0.14 | 282 (87.3%) | 271 (90.9%) | 0.15 |
|  | Anticoagulants | 103 (90.4%) | 81 (87.1%) | 0.46 | 279 (86.4%) | 270 (90.6%) | 0.10 |
|  | Antimalarials | 61 (53.5%) | 49 (52.7%) | 0.91 | 177 (54.8%) | 150 (50.3%) | 0.27 |
|  | Pronation | 41 (41.4%) | 40 (43.0%) | 0.82 | 130 (47.8%) | 141 (47.8%) | 0.99 |
| 1Median (IQR); n (%) | | | | | | | |
| 2Wilcoxon rank sum test; Fisher's exact test; Pearson's Chi-squared test | | | | | | | |
| 3Wilcoxon rank sum test; Pearson's Chi-squared test | | | | | | | |