|  | ECLS (N=298) | ECMELLA (N=154) | Overall (N=452) |
| --- | --- | --- | --- |
| **Age (years)** |  |  |  |
| Mean (SD) | 62.9 (13.8) | 59.6 (12.7) | 61.8 (13.5) |
| Median [Min, Max] | 65.0 [18.0, 87.0] | 61.0 [21.0, 83.0] | 64.0 [18.0, 87.0] |
| Missing | 0 (0%) | 1 (0.6%) | 1 (0.2%) |
| **Sex** |  |  |  |
| female | 88 (29.5%) | 30 (19.5%) | 118 (26.1%) |
| male | 210 (70.5%) | 124 (80.5%) | 334 (73.9%) |
| **BMI** |  |  |  |
| Mean (SD) | 28.0 (5.91) | 27.4 (5.82) | 27.8 (5.88) |
| Median [Min, Max] | 27.3 [15.8, 49.6] | 26.3 [15.9, 51.5] | 26.8 [15.8, 51.5] |
| Missing | 37 (12.4%) | 4 (2.6%) | 41 (9.1%) |
| **Median creatinine (mg/dL)** |  |  |  |
| Mean (SD) | 1.94 (1.05) | 1.74 (0.933) | 1.87 (1.01) |
| Median [Min, Max] | 1.80 [0.500, 6.00] | 1.60 [0.400, 6.00] | 1.70 [0.400, 6.00] |
| Missing | 67 (22.5%) | 13 (8.4%) | 80 (17.7%) |
| **Median pH** |  |  |  |
| Mean (SD) | 7.44 (0.0634) | 7.43 (0.0715) | 7.43 (0.0667) |
| Median [Min, Max] | 7.44 [7.17, 7.64] | 7.44 [7.04, 7.56] | 7.44 [7.04, 7.64] |
| Missing | 69 (23.2%) | 10 (6.5%) | 79 (17.5%) |
| **Type II Diabetes** |  |  |  |
| Yes | 84 (28.2%) | 61 (39.6%) | 145 (32.1%) |
| No | 201 (67.4%) | 79 (51.3%) | 280 (61.9%) |
| Missing | 13 (4.4%) | 14 (9.1%) | 27 (6.0%) |
| **Chronic kidney disease** |  |  |  |
| Yes | 75 (25.2%) | 38 (24.7%) | 113 (25.0%) |
| No | 208 (69.8%) | 100 (64.9%) | 308 (68.1%) |
| Missing | 15 (5.0%) | 16 (10.4%) | 31 (6.9%) |
| **Chronic kidney disease stage** |  |  |  |
| Mean (SD) | 3.56 (1.16) | 3.26 (1.24) | 3.46 (1.19) |
| Median [Min, Max] | 3.00 [2.00, 6.00] | 3.00 [2.00, 6.00] | 3.00 [2.00, 6.00] |
| Missing | 235 (78.9%) | 123 (79.9%) | 358 (79.2%) |
| **Chronic obstructive pulmonary disease** |  |  |  |
| Yes | 34 (11.4%) | 17 (11.0%) | 51 (11.3%) |
| No | 251 (84.2%) | 112 (72.7%) | 363 (80.3%) |
| Missing | 13 (4.4%) | 25 (16.2%) | 38 (8.4%) |
| **Chronic obstructive pulmonary disease stage** |  |  |  |
| Mean (SD) | 3.48 (1.54) | 3.94 (1.25) | 3.64 (1.45) |
| Median [Min, Max] | 4.00 [1.00, 5.00] | 5.00 [2.00, 5.00] | 4.00 [1.00, 5.00] |
| Missing | 265 (88.9%) | 137 (89.0%) | 402 (88.9%) |
| **Lactate (mg/dL)** |  |  |  |
| Mean (SD) | 74.1 (53.8) | 67.1 (45.0) | 71.8 (51.1) |
| Median [Min, Max] | 62.5 [4.00, 229] | 57.0 [4.00, 200] | 61.0 [4.00, 229] |
| Missing | 46 (15.4%) | 33 (21.4%) | 79 (17.5%) |
| **Vasoactive-inotropic score (VIS)** |  |  |  |
| Mean (SD) | 58.8 (162) | 50.9 (45.5) | 56.2 (135) |
| Median [Min, Max] | 35.4 [1.00, 2400] | 37.2 [2.00, 296] | 36.0 [1.00, 2400] |
| Missing | 38 (12.8%) | 28 (18.2%) | 66 (14.6%) |
| **RRT prior to tMCS** |  |  |  |
| Yes | 0 (0%) | 0 (0%) | 0 (0%) |
| No | 298 (100%) | 154 (100%) | 452 (100%) |
| **Cause of cardiogenic shock** |  |  |  |
| AHF | 50 (16.8%) | 64 (41.6%) | 114 (25.2%) |
| AMICS | 52 (17.4%) | 50 (32.5%) | 102 (22.6%) |
| Other | 50 (16.8%) | 12 (7.8%) | 62 (13.7%) |
| PCCS | 1 (0.3%) | 0 (0%) | 1 (0.2%) |
| Missing | 145 (48.7%) | 28 (18.2%) | 173 (38.3%) |
| **Previous cardiac arrest** |  |  |  |
| Yes | 102 (34.2%) | 66 (42.9%) | 168 (37.2%) |
| No | 196 (65.8%) | 87 (56.5%) | 283 (62.6%) |
| Missing | 0 (0%) | 1 (0.6%) | 1 (0.2%) |
| **eCPR** |  |  |  |
| Yes | 17 (5.7%) | 8 (5.2%) | 25 (5.5%) |
| No | 281 (94.3%) | 145 (94.2%) | 426 (94.2%) |
| Missing | 0 (0%) | 1 (0.6%) | 1 (0.2%) |
| **Nephrotoxic drugs** |  |  |  |
| Yes | 77 (25.8%) | 64 (41.6%) | 141 (31.2%) |
| No | 159 (53.4%) | 80 (51.9%) | 239 (52.9%) |
| Missing | 62 (20.8%) | 10 (6.5%) | 72 (15.9%) |