|  |
| --- |
| **Supplementary Table 3. Characteristics of patients according to MAKE-90 outcome (death, RRT-dependency, 50% decrease in eGFR)** |
|  | **MAKE-90Yes** | **MAKE-90No** | **P-value** |
| Number of patients | 44 | 62 |  |
| **Demographics** |  |  |  |
| Age, years ± SD | 57.5 ± 16.9 | 26.3 ± 14.8 | 0.70 |
| Women, n (%) | 19 (43.2) | 27 (43.5) | 1.0 |
| White race, n (%) | 30 (68.2) | 44 (71.0) | 0.52 |
| BMI, kg/m2, means ± SD | 28.3 ± 8.5 | 28.0 ± 7.8 | 0.85 |
| **Baseline kidney function** |  |  |  |
| eGFR, ml/min/1.73m2, (median IQR) | 88.3 [72.9, 101.7] | 93.8 [78.9, 102.9] | 0.52 |
| SCr, mg/dl, (median IQR) | 0.8 [0.7, 1.0] | 0.9 [0.7, 1.0] | 0.66 |
| Dipstick proteinuria >30 mg/dl, n (%) | 29 (65.9) | 18 (29.0) | 0.0003 |
| **Comorbidity** |  |  |  |
| Diabetes, n (%) | 14 (31.8) | 13 (21.0) | 0.26 |
| Hypertension, n (%) | 23 (52.3) | 33 (53.2) | 1.0 |
| Congestive heart failure, n (%) | 12 (27.3) | 20 (32.3) | 0.51 |
| COPD, n (%) | 7 (15.9) | 9 (14.5) | 1.0 |
| Liver disease, n (%) | 15 (34.1) | 9 (14.5) | 0.03 |
| Anemia, n (%) | 37 (84.1) | 38 (61.3) | 0.02 |
| Cancer, n (%) | 24 (54.6) | 22 (36.1) | 0.07 |
| Charlson Index, (median IQR) | 5 [3, 7] | 2 [2, 4] | <0.0001 |
| **AKI characteristics** |  |  |  |
| Peak SCr, mg/dl, (median IQR) | 4.2 [2.7, 5.0] | 3.1 [2.0, 3.9] | 0.10 |
| SCr at the time of sampling, mg/dl, (median IQR) | 2.9 [2.0, 4.2] | 0.8 [0.7, 1.3] | <0.0001 |
| KDIGO stage of AKI |  |  | <0.0001 |
| Stage 2 | 4 (9.1) | 6 (9.7) |  |
| Stage 3 | 19 (43.2) | 7 (11.3) |  |
| Stage 3-RRT | 15 (34.1) | 3 (4.8) |  |
| Acute RRT  |  |  | 0.52 |
| CRRT | 7 (18.4) | 1 (6.3) |  |
| HD | 2 (5.3) | 0 |  |
| CRRT + HD | 6 (15.8) | 2 (12.5) |  |
| **Critical illness parameters** |  |  |  |
| CFB 72 hours, liters, (median IQR) | 4.6 [2.1, 9.4] | 1.4 [0.2, 2.9] | <0.0001 |
| CFB ICU stay, liters, (median IQR) | 8.3 [0.9, 15.4] | 1.1 [-0.7, 3.1] | 0.0001 |
| Pressor or inotrope, n (%) | 24 (54.6) | 28 (45.2) | 0.43 |
| Mechanical ventilation, n (%) | 29 (65.9) | 25 (40.3) | 0.01 |
| PRBC transfusion, n (%) | 28 (63.6) | 20 (32.3) | 0.002 |
| Non-renal APACHE II score, (median IQR) | 19 [15, 22] | 12 [8, 19] | 0.0004 |
| Non-renal SOFA score, (median IQR) | 7.5 [4, 11] | 4 [1, 8] | 0.0009 |

APACHE II = Acute Physiology and Chronic Health Evaluation II (the points related to SCr were subtracted from the total score); BMI = body mass index; CFB = cumulative fluid balance; COPD = chronic obstructive pulmonary disease; CRRT = continuous renal replacement therapy; eGFR = estimated glomerular filtration rate (CKD-EPI equation); HD = hemodialysis; KDIGO = kidney disease improving global outcomes; PRBC = packed red blood cell; RRT = renal replacement therapy; SCr = serum creatinine; SOFA = Sequential Organ Failure Assessment (the points related to SCr were subtracted from the total score)