|  |  |  |  |
| --- | --- | --- | --- |
| **Supplementary Table 2. Characteristics of patients according to AKI status** | | | |
|  | **AKI** | **No AKI** | **P-value** |
| Number of patients | 54 | 52 |  |
| **Demographics** |  |  |  |
| Age, years ± SD | 55.8 ± 16.7 | 58.0 ± 14.5 | 0.47 |
| Women, n (%) | 23 (42.6) | 23 (44.2) | 1.0 |
| White race, n (%) | 34 (63.0) | 40 (76.9) | 0.20 |
| BMI, kg/m2, means ± SD | 28.9 ± 8.6 | 27.4 ± 7.5 | 0.34 |
| **Baseline kidney function** |  |  |  |
| eGFR, ml/min/1.73m2, (median IQR) | 88.3 [71.6, 102.9] | 92.4 [80.4, 101.6] | 0.39 |
| SCr, mg/dl, (median IQR) | 0.9 [0.7, 1] | 0.8 [0.7, 1.0] | 0.26 |
| Dipstick proteinuria >30 mg/dl, n (%) | 39 (72.2) | 8 (15.4) | <0.0001 |
| **Comorbidity** |  |  |  |
| Diabetes, n (%) | 17 (31.5) | 10 (19.2) | 0.18 |
| Hypertension, n (%) | 27 (50) | 29 (55.8) | 0.57 |
| Congestive heart failure, n (%) | 15 (27.8) | 17 (32.3) | 0.67 |
| COPD, n (%) | 9 (16.7) | 7 (13.5) | 0.79 |
| Liver disease, n (%) | 18 (33.3) | 6 (11.5) | 0.01 |
| Anemia, n (%) | 46 (85.2) | 29 (55.8) | 0.001 |
| Cancer, n (%) | 23 (42.6) | 23 (45.1) | 0.85 |
| Charlson Index, (median IQR) | 4 [3, 7] | 2 [2, 4] | <0.0001 |
| **AKI characteristics** |  |  |  |
| Peak SCr, mg/dl, (median IQR) | 3.4 [2.6, 4.9] | -- |  |
| SCr at the time of sampling, mg/dl, (median IQR) | 3.0 [2.2, 4.3] | 0.7 [0.6, 0.9] | <0.0001 |
| KDIGO stage of AKI |  |  |  |
| Stage 2 | 10 (18.5) | -- |  |
| Stage 3 | 26 (48.1) | -- |  |
| Stage 3-RRT | 18 (33.3) | -- |  |
| Acute RRT |  |  |  |
| CRRT | 8 (14.8) | -- |  |
| HD | 2 (3.7) | -- |  |
| CRRT + HD | 8 (14.8) | -- |  |
| **Critical illness parameters** |  |  |  |
| CFB 72 hours, liters, (median IQR) | 4.6 [1.7, 9.4] | 1.0 [-0.4, 2.8] | <0.0001 |
| CFB ICU stay, liters, (median IQR) | 7.2 [0.9, 14.0] | 1.0 [-1.2, 2.8] | <0.0001 |
| Pressor or inotrope, n (%) | 33 (61.1) | 19 (36.5) | 0.01 |
| Mechanical ventilation, n (%) | 34 (63.0) | 20 (38.5) | 0.02 |
| PRBC transfusion, n (%) | 34 (63.0) | 14 (26.9) | 0.0002 |
| APACHE II score, (median IQR) | 18 [14, 22] | 12 [8.5, 19] | 0.0006 |
| SOFA score, (median IQR) | 8 [4, 11] | 4 [1, 6] | 0.0004 |

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)