***Supplemental Table 1: Baseline clinical and treatment characteristics compared between groups.*** *Continuous variables are expressed as median values with interquartile ranges. Survival is to hospital discharge. Categorical variables are expressed as number of patients (%). P/F ratio= PaO2 (mmHg)/ FiO2; APACHE II= Acute physiology and chronic health evaluation score II; SOFA= Sequential organ failure assessment; INR= international normalised ratio; FB= fluid balance; PRBC= packed red blood cells.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall | Non-survivors | Survivors | p-value |
| N | 24 | 9 | 15 |  |
| Age in years | 46 [34- 56] | 57 [50- 61] | 39 [32- 48] | 0.010\* |
| Female | 6 (25) | 2 (22) | 4 (27) | 1.000 |
| Weight | 80 [70-96] | 80 [75-85] | 90 [70-100] | 0.385 |
| P/ F ratio  | 60 [49- 62] | 60 [56- 64] | 56 [48- 61] | 0.369 |
| APACHE II  | 28 [27- 37] | 28 [27- 37] | 28 [26- 32] | 0.611 |
| SOFA  | 12 [11- 15] | 11 [11- 12] | 14 [11- 17] | 0.187 |
| Creatinine (mg/dL)  | 1.39 [1.13-2.31] |  1.30 [1.11-1.64] |  1.40 [1.19-2.42] | 0.591 |
| Urine output (mL/kg/h) | 0.47 [0.00-1.00] | 0.75 [0.49- 2.00] | 0.25 [0.00-0.50] | 0.043\* |
| KDIGO stage  |  |  |  | 0.306 |
|  | 0 | 9 (38) | 5 (56) | 4 (27) |  |
|  | 1 | 4 (17) | 2 (22) | 2 (13) |  |
|  | 2 | 2 (8) | 0 (0) | 2 (13) |  |
|  | 3 | 9 [38] | 2 (22) | 7 (47) |  |
| INR  | 1.1 [1.0- 1.2] | 1.1 [1- 1.2] | 1.1 [1- 1.2] | 0.902 |
| Noradrenaline dose (µg/kg//min) | 0.12 [0.06-0.27] | 0.06 [0.03-0.10] | 0.22 [0.11-0.42] | 0.037\* |
| Steroid treatment | 13 (54) | 6 (67) | 7 (47) | 0.597 |
| Ventilation days prior to ECMO | 9 [3- 15] | 10 [8- 17] | 5 [2- 12] | 0.089 |
| ECMO duration (days)  | 13 [8- 19] | 20 [14- 29] | 10 [7- 14] | 0.021\* |
| Cumulative FB Day 3 (litres) | 0.4 [-2.3 to 2.6] | -1.6 [-2 to 2.1] | 1.1 [-2.9 to 3.9] | 0.387 |
| Cumulative FB Day 7 (litres) | -1.5 [-4 to 0.5] | 0.2 [-3.5 to 0.9] | -2 [-4 to -0.2] | 0.487 |
| Cumulative FB up to Day 14 (litres) | -3.6 [-6.9 to -0.6] | -1 [-4.6 to 0.90] | -4.6 [-8.4 to -1.5] | 0.325 |
| Mean daily FB (litres)  | -0.31 [-0.76 to -0.02] | -0.07 [-0.76 to 0.06] | -0.33 [-1.22 to -0.06] | 0.438 |
| Total PRBC (units) | 7 [4- 11] | 12 [9- 20] | 5 [3- 7] | 0.009\* |
| Daily PRBC  | 0.6 [0.40- 0.70] | 0.7 [0.6- 1] | 0.4 [0.3- 0.7] | 0.034\* |