**Supplemental Table I: Univariate analysis comparing risk factors between survivors and non-survivors.**

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| --- | --- | --- | --- | --- |
| Variables | Died  (n=44) | Survivors  (n=83) | All patients (n=127) | *p* value |
| Demographics | | | | |
| Age, years (range) | 49 (21-67) | 50 (22 -70) | 50 (21-70) | 0.796 |
| Ethnicity (%)  Chinese  Malay  Indian  Others | 23 (52%)  14 (32%)  3 (7%)  4 (9%) | 54 (65%)  13 (16%)  10 (12%)  6 (7%) | 77 (61%)  27 (21%)  13 (10%)  10 (8%) | 0.158 |
| Male gender (%) | 30 (68%) | 63 (76%) | 93 (73%) | 0.469 |
| Intra-hospital referral (%) | 16 (36%) | 35 (42%) | 51 (40%) | 0.656 |
| Activation time, mins (range) | 50 (10-88) | 47 (10-92) | 49 (10-92) | 0.691 |
| ECMO duration, days (range) | 4 (0-13) | 7 (0-22) | 6 (0-22) | **0.002** |
| Weight, kg (range) | 67.0 (48.9-108.8) | 68.5 (43.5-100.0) | 68.0 (43.5-108.8) | 0.297 |
| Height, cm (range) | 165 (151-182) | 167 (152-190) | 166 (151-190) | 0.295 |
| Body Mass Index, kg/m2 (range) | 24.8 (18.4-37.4) | 23.4 (17.0-43.2) | 24.0 (17.0-43.2) | **0.019** |
| Body surface area, m2 (range) | 1.77 (1.49-2.35) | 1.74 (1.14-2.15) | 1.75 (1.14-2.35) | 0.241 |
| Past medical history | | | | |
| Smoking history (%) | 12 (28%) | 33 (40%) | 45 (36%) | 0.263 |
| Diabetes Mellitus(%) | 11 (25%) | 16 (19%) | 27 (21%) | 0.602 |
| Hyperlipidemia (%) | 12 (27%) | 27 (33%) | 39 (31%) | 0.683 |
| Hypertension (%) | 16 (36%) | 28 (34%) | 44 (35%) | 0.920 |
| Proximal Left Anterior Descending Disease >70% (%) | 10 (31%) | 35 (50%) | 45 (44%) | 0.135 |
| Left main stem disease >50% (%) | 10 (32%) | 23 (37%) | 33 (36%) | 0.818 |
| Chronic kidney disease (%) | 3 (7%) | 1 (1%) | 4 (3%) | 0.245 |
| Biochemistry | | | | |
| Standard bicarbonate, mmol/l (range) | 16.7 (6-27) | 19.0 (7-26) | 20.0 (6-27) | 0.131 |
| Urea, mmol/l (range) | 8.9 (2.4-46.3) | 7.1 (2.5-36.5) | 7.3 (2.4-46.3) | 0.135 |
| Na, mmol/l (range) | 140 (127-171) | 138 (121-154) | 138 (121-171) | 0.307 |
| Glucose, mmol/l (range) | 10.5 (2.2-31.2) | 9.0 (3.5-33.3) | 9.5 (2.2-33.3) | 0.781 |
| Creatinine > 100 mmol/l (%) | 37 (88.1%) | 60 (72.3%) | 97 (77.6%) | **0.047** |
| Albumin, g/dL (range) | 25 (10-41) | 28 (15-44) | 27 (10-44) | **0.024** |
| Bilirubin, umol/l (range) | 19 (4-553) | 17 (4-341) | 17 (4-553) | 0.609 |
| HbA1c, % (range) | 8.6 (5.4-12.0) | 7.4 (5.5-15.4) | 7.8 (5.5-15.4) | 0.707 |
| White blood cell count, x10^9/L (range) | 16.3 (1.1-37.8) | 14.5 (1.9-39.4) | 15.1 (1.1-39.4) | 0.225 |
| Platelet count, x10^9/L (range) | 202 (7-594) | 207 (54-409) | 205 (7 – 594) | 0.515 |
| Hematocrit, % (range) | 35.2 (15.7-62.3) | 35.2 (13.8-55.1) | 37.8 (13.8-62.3) | 0.092 |