

Supplementary Table 1. Patient characteristics according to HDL tertiles

| Variable | HDL level (mg/dL) | | | P-value |
|------------------------------|-------------------|------------------|------------------|---------|
| | < 38 | 38–50 | > 50 | |
| No. of patients | 18 | 21 | 20 | |
| Demographics | | | | |
| Age in years | 55.9 (45.3–66.5) | 58.6 (51.8–65.4) | 58.7 (49.9–67.4) | 0.906 |
| Sex, male | 14 (77.8) | 16 (76.2) | 13 (65.0) | 0.618 |
| BMI | 22.5 (19.9–25.1) | 22.1 (20.9–23.3) | 22.4 (20.2–24.6) | 0.877 |
| Underlying diseases | | | | |
| Hypertension | 5 (27.8) | 6 (28.6) | 8 (40.0) | 0.655 |
| Diabetes | 6 (33.3) | 3 (14.3) | 5 (25.0) | 0.373 |
| Cardiac arrest variables | | | | |
| Witnessed | 14 (77.8) | 17 (81.0) | 14 (70.0) | 0.701 |
| Shockable rhythm | 1 (5.6) | 8 (38.1) | 5 (25.0) | 0.058 |
| Cardiac cause | 3 (16.7) | 6 (28.6) | 10 (50.0) | 0.081 |
| Admission laboratory results | | | | |
| Lactate (mmol/L) | 9.8 (7.6–12.0) | 5.6 (4.0–7.2) | 6.7 (4.5–8.9) | 0.020 |
| Albumin (g/dL) | 2.8 (2.5–3.1) | 3.6 (3.4–3.8) | 3.6 (3.4–3.9) | <0.001 |
| C-reactive protein (mg/L) | 6.1 (2.1–10.1) | 2.5 (0.7–4.3) | 5.1 (1.3–8.8) | 0.372 |
| Creatinine (mg/dL) | 2.4 (1.2–3.5) | 1.4 (1.0–1.8) | 1.8 (1.1–2.54) | 0.144 |
| NSE (ng/mL) ^{a)} | 62.2 (35.1–89.3) | 54.9 (37.0–72.9) | 55.3 (39.2–71.5) | 0.872 |
| Severity score at admission | | | | |
| APACHE II score | 31.3 (27.0–35.6) | 27.6 (24.1–31.2) | 29.2 (25.5–32.9) | 0.489 |
| SOFA score | 11.6 (10.1–13.0) | 10.4 (8.8–12.0) | 10.7 (8.6–12.8) | 0.491 |

Values are presented as mean (95% confidence interval) or frequency (%) as appropriate. Continuous variables were compared using Kruskal–Wallis analysis and categorical variables using chi-square test.

HDL, high-density lipoprotein; BMI, body mass index; NSE, neuron specific enolase; APACHE, Acute Physiology and Chronic Health Evaluation; SOFA, Sequential Organ Failure Assessment.

^{a)}Only 55 patients with available NSE results were analyzed.