ESM Table 1: Characteristics of out-of-hospital cardiac arrest patients with good or poor one-year outcome.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristic | Data available (n) | All patients  n = 458 | Good neurologic  outcome  n = 185 | Poor neurologic outcome  n = 273 | p-value |
| Gender, % (male) | 458 | 76 | 79 | 74 | 0.20 |
| Age, median (IQR), years | 458 | 63 (54-71) | 61 (53-67) | 64 (56-73) | <0.01 |
| Comorbidity |  |  |  |  |  |
| Hypertension, % | 458 | 42 | 38 | 43 | 0.14 |
| Coronary artery disease, % | 458 | 30 | 23 | 34 | <0.01 |
| Previous PCI, % | 457 | 6 | 7 | 5 | 0.61 |
| Cardiac bypass surgery, % | 456 | 9 | 3 | 6 | 0.26 |
| Heart failure, % | 458 | 14 | 9 | 17 | 0.03 |
| Diabetes mellitus, % | 458 | 21 | 18 | 24 | 0.14 |
| Chronic kidney failure, % | 458 | 3 | 1 | 4 | 0.09 |
| Resuscitation factors |  |  |  |  |  |
| Witnessed cardiac arrest,% | 458 | 89 | 95 | 86 | 0.02 |
| Bystander CPR, % | 458 | 56 | 61 | 53 | 0.10 |
| Initial rhythm | 458 |  |  |  | <0.01 |
| VF, % |  | 58 | 81 | 43 |  |
| VT, % |  | 2 | 2 | 1 |  |
| PEA, % |  | 19 | 7 | 28 |  |
| ASY, % |  | 20 | 10 | 28 |  |
| Epinephrine given, % | 452 | 67 | 31 | 69 | <0.01 |
| Time to ROSC, min | 455 | 20 (14-28) | 17 (11-23) | 23 (15-30) | 0.03 |
| Severity of illness score |  |  |  |  |  |
| SAPS II points | 458 | 59 (43-69) | 47 (35–60) | 64 (55-73) | <0.01 |
| Apache II | 458 | 29 (23-34) | 24 (18-30) | 31 (28-36) | <0.01 |
| During ICU stay |  |  |  |  |  |
| Therapeutic  hypothermia,% | 458 | 62 | 76 | 53 | <0.01 |
| Sepsis |  |  |  |  |  |
| Severe sepsis, % | 458 | 3 | 1 | 2 | 0.14 |
| Septic shock, % | 458 | 2 | 1 | 2 | 0.18 |
| Treatment |  |  |  |  |  |
| Coronary Angiography, % | 458 | 16 | 27 | 8 | <0.01 |
| PCI, % | 458 | 8 | 15 | 4 | <0.01 |

Values are expressed as medians (interquartile ranges) or percentages.

PCI=percutaneous coronary intervention; VF=ventricular fibrillation; VT=ventricular tachycardia; PEA=pulseless electrical activity; ASY=asystole; SAPS=II-simplified acute physiology score; SOFA=sequential organ failure assessment