Supplemental Table 1. Patient Demographics, Arrest Characteristics, and Post-Arrest Care by Timing and Withdrawal of Life-Sustaining Therapies

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Died of WLST within first 2 days (n=294) | Died of other causes first 2 days (n=161] | Died of WLST between days 3-7 (n=178) | Died of other causes days 3-7 (n=40) | Sied of WLST after day 7 (n=75) | Died of other causes after day 7 (n=13) | Survived (n=540) |
| Age (median [IQR] years) | 71 [59, 80] | 71 [54, 81] | 64 [55, 74] | 59 [47, 74] | 64 [51, 73] | 70 [61, 79] | 62 [50, 72] |
| Race |
|  White | 75.9% | 71.1% | 70.3% | 90.6% | 62.9% | 60.0% | 64.8% |
|  Black | 18.9% | 21.1% | 25.8% | 6.3% | 25.8% | 20.0% | 27.2% |
|  Other | 5.2% | 7.8% | 3.9% | 3.1% | 11.3% | 20.0% | 8.0% |
| Male | 50.9% | 59.0% | 56.7% | 72.5% | 57.3% | 69.2% | 63.5% |
| Comorbidities |
| Acute Stroke/Transient Ischemic Attack | 0.7% | 6.9% | 4.0% | 2.5% | 1.3% | 0.0% | 4.1% |
| Chronic Pulmonary Obstructive Disorder | 7.8% | 5.0% | 16.4% | 2.5% | 10.7% | 0.0% | 6.1% |
| Coronary Artery Disease | 14.6% | 11.9% | 24.3% | 15.0% | 22.7% | 0.0% | 15.2% |
| Dementia | 2.4% | 3.1% | 1.7% | 0.0% | 2.7% | 0.0% | 1.6% |
| Diabetes Mellitus | 18.7% | 18.8% | 28.8% | 17.5% | 22.7% | 15.4% | 16.4% |
| Hypertension | 28.2% | 25.0% | 38.4% | 12.5% | 38.7% | 15.4% | 30.4% |
| Cancer | 7.1% | 4.4% | 5.1% | 5.0% | 5.3% | 7.7% | 4.1% |
| Peripheral Vascular Disease | 5.1% | 3.8% | 6.2% | 0.0% | 6.7% | 7.7% | 3.0% |
| End Stage Renal Disease | 3.4% | 5.0% | 9.6% | 2.5% | 5.3% | 15.4% | 5.3% |
| HIV/AIDS | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Congestive Heart Failure | 17.7% | 10.0% | 25.4% | 10.0% | 21.3% | 15.4% | 13.8% |
| Witnessed | 81.2% | 81.7% | 70.7% | 78.4% | 74.3% | 66.7% | 85.0% |
| Cardiac Etiology of Arrest | 61.1% | 58.2% | 61.8% | 59.5% | 63.0% | 84.6% | 74.5% |
| Out-of-Hospital Arrest | 48.0% | 46.6% | 73.0% | 82.5% | 61.3% | 61.5% | 66.2% |
| Initial Rhythm |
|  VF/VT | 18.8% | 11.7% | 30.3% | 35.0% | 30.7% | 46.2% | 53.3% |
|  Asystole | 32.8% | 38.3% | 30.9% | 35.0% | 18.7% | 30.8% | 14.7% |
|  PEA | 48.5% | 50.0% | 38.8% | 30.0% | 50.7% | 23.1% | 32.1% |
| Duration of Arrest (median [IQR] minutes) | 19 [8, 34] | 18 [9, 35] | 22 [11, 35] | 31 [25, 58] | 16 [8, 29] | 18 [14, 49] | 12 [7, 22] |
| Targeted Temperature Management | 34.4% | 32.3% | 80.3% | 87.5% | 64.0% | 69.2% | 73.5% |
| Neurology Consultation | 41.3% | 25.9% | 78.6% | 86.7% | 77.8% | 83.3% | 67.8% |
| Cardiology Consultation | 55.8% | 51.7% | 82.1% | 100.0% | 77.8% | 100.0% | 87.8% |
| Cardiac Catheterization Lab | 14.0% | 14.7% | 24.9% | 51.4% | 25.0% | 41.7% | 54.3% |
| Electrophysiology Lab | 0.4% | 0.6% | 3.0% | 2.8% | 2.9% | 0.0% | 12.8% |
| Electroencephalography | 25.7% | 8.3% | 68.1% | 80.0% | 65.9% | 80.0% | 55.9% |
| Head CT Scan | 37.1% | 51.9% | 73.5% | 54.6% | 73.7% | 50.0% | 66.2% |
| Brain MRI Scan | 3.2% | 3.9% | 6.2% | 0.0% | 5.4% | 25.0% | 11.1% |
| Echocardiography Performed | 38.0% | 31.4% | 71.0% | 90.0% | 82.9% | 80.0% | 81.0% |
| Hospital Length of Stay (median [IQR] days) | 1 [0, 1] | 1 [0, 1] | 4 [3, 6] | 4 [3, 5] | 12 [9, 16] | 10 [9, 12] | 13 [9, 21] |