**Appendix**

**Appendix Table 1. Additional Patient Characteristics by Comfort Care Quintiles**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Quintiles of Comfort Care Rate** | | | | | | | | | | | |  | |
|  | **Quintile 1 (Low)** | | **Quintile 2** | | **Quintile 3** | | **Quintile 4** | | | **Quintile 5 (High)** | | | ***P V*alue** | |
|  | **(N=39)** | | **(N=39)** | | **(N=40)** | | **(N=39)** | | | **(N=39)** | | |
|  | **(n=13,231)** | | **(n=24,180)** | | **(n=20,316)** | | **(n=21,903)** | | | **(n=14,290)** | | |
| Comfort Care Rates, % | 0.00 to 0.46 | | 0.52 to 1.49 | | 1.49 to 2.45 | | 2.51 to 4.55 | | | 4.60 to 39.91 | | |  | |
| Medical History |  |  |  |  | |  | |  |  | |  |  |  |  |
| COPD or Asthma | 3,516 (28.7) | | 6,809 (30.1) | | 6,209 (32.5) | | 5,979 (29.1) | | | 4,481 (32.6) | | | <.0001 | |
| ICD only | 855 (7.0) | | 1,871 (8.3) | | 1,405 (7.4) | | 1,403 (6.8) | | | 861 (6.3) | | | <.0001 | |
| CRT-P  (cardiac resynchronization therapy-pacing only) | 93 (0.8) | | 278 (1.2) | | 242 (1.3) | | 157 (0.8) | | | 126 (0.92) | | | 0.077 | |
| CRT-D  (cardiac resynchronization therapy with ICD) | 524 (4.3) | | 1,024 (4.5) | | 1,026 (5.4) | | 734 (3.6) | | | 565 (4.1) | | | 0.0016 | |
| Pacemaker | 1,885 (15.4) | | 3,898 (17.2) | | 3,261 (17.1) | | 3,501 (17.1) | | | 2,517 (18.3) | | | <.0001 | |
| Vitals at Admission |  |  |  |  | |  | |  |  | |  |  |  |  |
| Systolic blood pressure, mmHg |  |  |  |  | |  | |  |  | |  |  |  | 0.051 |
| Mean ± SD | 140.5 ±28.7 | | 141.3 ±29.6 | | 141.2 ±29.2 | | 141.2 ±29.6 | | | 141.7 ±29.2 | | |  | |
| Median (IQR) | 139 (119, 158) | | 139 (120, 159) | | 138 (120, 159) | | 139 (120, 159) | | | 139 (120, 159) | | |  | |
| Diastolic blood pressure, mmHg |  |  |  |  | |  | |  |  | |  |  |  | <.0001 |
| Mean ± SD | 73.6 ±17.1 | | 74.5 ±17.4 | | 74.8 ±17.3 | | 74.7 ±17.0 | | | 75.0 ±17.3 | | |  | |
| Median (IQR) | 72 (62, 84) | | 73 (62, 85) | | 73 (63, 85) | | 73 (63, 85) | | | 73 (63, 86) | | |  | |
| Heart Rate, bpm |  |  |  |  | |  | |  |  | |  |  |  | 0.83 |
| Mean ± SD | 83.7 ±19.6 | | 83.4 ±19.7 | | 83.5 ±19.9 | | 83.6 ±20.0 | | | 83.6 ±19.8 | | |  | |
| Median (IQR) | 81 (70, 95) | | 80 (70, 94) | | 80 (70, 95) | | 80 (70, 95) | | | 80 (70, 95) | | |  | |