**Supplemental Table 2.**  Comparison of Death and Morbidity Rates Within Each Pathophysiology Group.

|  |  |  |
| --- | --- | --- |
|   | Status at hospital discharge |   |
|   | Morbidity | Death | P-value |
| (N = 175) | (N = 117) |
| **Impaired substrate delivery** |   |   | <.0011 |
|  No | 110 (82.1%) | 24 (17.9%) |   |
|  Yes | 65 (41.1%) | 93 (58.9%) |   |
| **Chronic conditions** |   |   | 0.0551 |
|  No | 90 (66.2%) | 46 (33.8%) |   |
|  Yes | 85 (54.5%) | 71 (45.5%) |   |
| **Inflammation** |   |   | 0.2131 |
|  No | 118 (62.8%) | 70 (37.2%) |   |
|  Yes | 57 (54.8%) | 47 (45.2%) |   |
| **Tissue injury Tissue injury (direct)** |   |   | 0.8861 |
|  No | 136 (59.6%) | 92 (40.4%) |   |
|  Yes | 39 (60.9%) | 25 (39.1%) |   |
| **Electrical signaling dysfunction** |   |   | 0.1601 |
|  No | 139 (57.9%) | 101 (42.1%) |   |
|  Yes | 36 (69.2%) | 16 (30.8%) |   |
| **Abnormal growth / Abnormal cell cycle** |   |   | 0.7561 |
|  No | 145 (60.4%) | 95 (39.6%) |   |
|  Yes | 30 (57.7%) | 22 (42.3%) |   |
| **Capillary / Vascular dysfunction** |   |   | 0.0131 |
|  No | 152 (63.3%) | 88 (36.7%) |   |
|  Yes | 23 (44.2%) | 29 (55.8%) |   |
| **Toxicities** |   |   | 0.0581 |
|  No | 138 (57.3%) | 103 (42.7%) |   |
|  Yes | 37 (72.5%) | 14 (27.5%) |   |
| **Immune dysfunction** |   |   | 0.0551 |
|  No | 152 (62.6%) | 91 (37.4%) |   |
|  Yes | 23 (46.9%) | 26 (53.1%) |   |
| **Coagulation dysfunction** |   |   | 0.0051 |
|  No | 160 (63.2%) | 93 (36.8%) |   |
|  Yes | 15 (38.5%) | 24 (61.5%) |   |
| **Malnutrition** |   |   | 0.1461 |
|  No | 149 (58.2%) | 107 (41.8%) |   |
|  Yes | 26 (72.2%) | 10 (27.8%) |   |
| **Mitochondrial dysfunction** |   |   | 1.0001 |
|  No | 172 (59.9%) | 115 (40.1%) |   |
|  Yes | 3 (60.0%) | 2 (40.0%) |   |
| 1 Fisher's exact test. |