**Table 2:** Univariate analysis of outcomes in cardiac and thoracic DNR cohorts compared to matched controls

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | DNR | | Control | |  |  |  |  |
| *Thoracic* | n=3,129 | | n=12,290 | |  |  |  |  |
|  | n | % | n | % | OR | 95% Confidence Interval | | p |
| Primary outcome |  |  |  |  |  |  |  |  |
| In-hospital death | 795 | (25.4%) | 787 | (6.4%) | 4.98 | (4.47 , | 5.55) | <0.0001 |
| Resource utilization |  |  |  |  |  |  |  |  |
| Length of stay (mean ± SD; days) | 9.4 | ± 10.6 | 8.1 | ± 8.7 |  |  |  | <0.0001 |
| Discharge to new SNF | 496 | (15.9%) | 1,433 | (11.7%) | 1.43 | (1.28 , | 1.59) | <0.0001 |
| Secondary outcomes |  |  |  |  |  |  |  |  |
| Acute Kidney Injury | 71 | (2.3%) | 241 | (2.0%) | 1.16 | (0.89 , | 1.52) | 0.28 |
| Myocardial infarction | 46 | (1.5%) | 94 | (0.8%) | 1.94 | (1.36 , | 2.76) | 0.0002 |
| New congestive heart failure | 14 | (0.5%) | 62 | (0.5%) | 0.89 | (0.50 , | 1.59) | 0.78 |
| New stroke | 11 | (0.4%) | 29 | (0.2%) | 1.49 | (0.74 , | 2.99) | 0.24 |
| Respiratory failure | 154 | (4.9%) | 307 | (2.5%) | 2.02 | (1.66 , | 2.46) | <0.0001 |
|  |  |  |  |  |  |  |  |  |
|  | DNR | | Control | |  |  |  |  |
| *Cardiac* | n=2,678 | | n=10,670 | |  |  |  |  |
|  | n | % | n | % | OR | 95% Confidence Interval | | p |
| Primary outcome |  |  |  |  |  |  |  |  |
| In-hospital death | 1,003 | (37.5%) | 1,194 | (11.2%) | 4.75 | (4.31 , | 5.25) | <0.0001 |
| Resource utilization |  |  |  |  |  |  |  |  |
| Length of stay (mean ± SD; days) | 12.2 | ± 16.1 | 10.3 | ± 13.8 |  |  |  | <0.0001 |
| Discharge to new SNF | 324 | (12.1%) | 1379 | (12.9%) | 0.93 | (0.82 , | 1.06) | 0.25 |
| Secondary outcomes |  |  |  |  |  |  |  |  |
| Acute Kidney Injury | 264 | (9.9%) | 726 | (6.8%) | 1.50 | (1.29 , | 1.74) | <0.0001 |
| Myocardial infarction | 89 | (3.3%) | 242 | (2.3%) | 1.48 | (1.16 , | 1.90) | 0.0025 |
| New congestive heart failure | 77 | (2.9%) | 212 | (2.0%) | 1.46 | (1.12 , | 1.90) | 0.006 |
| New stroke | 56 | (2.1%) | 101 | (1.0%) | 2.24 | (1.61 , | 3.11) | <0.0001 |
| Respiratory failure | 354 | (13.2%) | 862 | (8.1%) | 1.73 | (1.52 , | 1.98) | <0.0001 |

*DNR = do-not-resuscitate. SD = standard deviation. OR=odds ratio. SNF = skilled nursing facility.*