**Table 5**: Comparison of outcomes and resource utilization between ICU patients with Warfarin-associated and Direct Oral Anticoagulant-associated major bleeding. *Abbreviations:* ICU = Intensive Care Unit; IQR = Interquartile Range; MODS = Multi-Organ Dysfunction Score;NEMS = Nine Equivalents of Nursing Manpower Score; SD = Standard deviation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristic** | **Warfarin****(*n* = 141)** | **Direct Oral Anticoagulant****(*n* = 40)** | **Odds Ratio** **(95% CI)** | ***P* Value** |
| **In-Hospital Mortality, *n* (%)** | 59 (41.8) | 15 (37.5) | 0.84 (0.40-1.72) | 0.62 |
| **Withdrawal of Care Among Dead, *n* (%)** | 55 (93.2) | 15 (100.0) |  | 0.21 |
| **Disposition of Survivors, *n* (%)** |  | 0.44 |
|  Home | 29 (35.4) | 11 (42.3) | 1.44 (0.57-3.40) |  |
|  Long-Term Care Centre | 53 (64.6) | 14 (56.0) |  |  |
| **ICU Length of Stay, days, median (IQR)** | 5 (2-12) | 4 (2-10) |  | 0.35 |
| **Hospital Length of Stay, days, median (IQR)** | 11 (4-3) | 6 (2.3-17.8) |  | 0.03 |
| **NEMS/day, mean (SD)** | 23.3 (7.4) | 24.4 (7.6) |  | 0.44 |
| **Readmission within 30 Days, *n* (%)** | 21 (25.6) | 7 (28.0) | 1.13 (0.44-2.97) | 0.81 |
| **Resource Utilization, n (%)** |
|  Invasive Mechanical Ventilation | 85 (60.3) | 27 (67.5) | 1.37 (0.65-2.79) | 0.41 |
|  Non-Invasive Mechanical Ventilation | 18 (12.8) | 3 (7.5) | 0.55 (0.17-1.90) | 0.36 |
|  Central Venous Line | 58 (41.1) | 15 (37.5) | 0.86 (0.41-1.77) | 0.72 |
|  Arterial Line | 88 (62.4) | 27 (67.5) | 1.25 (0.59-2.56) | 0.56 |
|  Renal Replacement Therapy | 10 (7.1) | 1 (2.5) | 0.34 (0.03-2.09) | 0.28 |
| **Duration of Resource Utilization, days, median (IQR)** |
|  Invasive Mechanical Ventilation | 3 (2-9) | 3 (1-4) |  | 0.35 |
|  Non-Invasive Mechanical Ventilation | 1 (1-2.3) | 1 (1-1) |  | 0.51 |
|  Central Venous Line | 5 (2-9.3) | 5 (4-7) |  | 0.61 |
|  Arterial Line | 4 (2-7) | 4 (3-5) |  | 0.93 |
|  Renal Replacement Therapy | 2 (1-4) | - |  | - |
| **Interventional Radiology Procedure, *n* (%)** | 6 (4.3) | 2 (5.0) |  | 0.84 |
| **Endoscopy, *n* (%)** | 16 (11.4) | 9 (22.5) | 2.27 (0.95-5.68) | 0.07 |
| **Tranexamic Acid, *n* (%)** | 15 (10.6) | 6 (15.0) | 1.48 (0.54-3.90) | 0.44 |
| **Transfusion, *n* (%)** | 84 (59.6) | 24 (60.0) | 1.01 (0.50-2.07) | 0.96 |
| **Transfusion Requirements** |
|  Packed Red Blood Cells, units, mean (SD) | 6.0 (7.6) | 4.4 (3.6) |  | 0.89 |
|  Platelets, units, mean (SD) | 0.5 (1.2) | 0.5 (1.1) |  | 0.59 |
|  Fresh Frozen Plasma, units, mean (SD) | 3.4 (4.4) | 2.8 (4.4) |  | 0.22 |
| **Reversal of Anticoagulation, *n* (%)** | 129 (91.5) | 20 (50.0) |  | <0.001 |
| **Reversal Agents, *n* (%)** |
|  Vitamin K | 105 (74.5) | 2 (5.0) |  |  |
|  Prothrombin Complex Concentrate | 103 (73.0) | 9 (22.5) |  |  |
|  Factor Eight Inhibitor Bypass Activity | 0 (0) | 5 (12.5) |  |  |
|  Other | 5 (3.5) | 5 (12.5) |  |  |