Baseline characteristics of eICU study population stratified by PMV

|  |  | PMV | |  |
| --- | --- | --- | --- | --- |
| Variable | Overall | No | Yes | p |
| n | 158,298 | 154,518 | 3,780 |  |
| Age (years) (median [IQR]) | 65.00 [53.00, 76.00] | 65.00 [53.00, 76.00] | 62.00 [52.00, 72.00] | <0.001 |
| Sex (%) |  |  |  | <0.001 |
| Female | 72863 (46.0) | 71265 (46.1) | 1598 (42.3) |  |
| Male | 85295 (53.9) | 83113 (53.8) | 2182 (57.7) |  |
| Unknown | 140 ( 0.1) | 140 ( 0.1) | 0 ( 0.0) |  |
| Hospital stay (days) (median [IQR]) | 5.14 [2.78, 9.15] | 5.03 [2.73, 8.82] | 23.48 [17.60, 33.01] | <0.001 |
| ICU stay (days) (median [IQR]) | 1.86 [1.00, 3.62] | 1.82 [0.98, 3.36] | 17.66 [13.87, 24.25] | <0.001 |
| Hospital Mortality = 1 (%) | 14311 ( 9.0) | 13610 ( 8.8) | 701 (18.5) | <0.001 |
| ICU Mortality = 1 (%) | 10669 ( 6.7) | 10145 ( 6.6) | 524 (13.9) | <0.001 |
| 30-day Mortality = 1 (%) | 13873 ( 8.8) | 13347 ( 8.6) | 526 (13.9) | <0.001 |
| TBI = 1 (%) | 4161 ( 2.6) | 3946 ( 2.6) | 215 ( 5.7) | <0.001 |
| Trauma-related cohort (%) |  |  |  | <0.001 |
| non-trauma | 151686 (95.8) | 148277 (96.0) | 3409 (90.2) |  |
| non-TBI trauma | 2451 ( 1.5) | 2295 ( 1.5) | 156 ( 4.1) |  |
| non-severe TBI | 3073 ( 1.9) | 3012 ( 1.9) | 61 ( 1.6) |  |
| severe TBI | 1088 ( 0.7) | 934 ( 0.6) | 154 ( 4.1) |  |
| Consecutive days with ≥6h IMV (median [IQR]) | 0.00 [0.00, 0.00] | 0.00 [0.00, 0.00] | 18.00 [15.00, 24.00] | <0.001 |
| ≥14 consecutive days of IMV = 1 (%) | 3485 ( 2.2) | 0 ( 0.0) | 3485 (92.2) | <0.001 |
| 96h of IMV + Traq = 1 (%) | 763 ( 0.5) | 0 ( 0.0) | 763 (20.2) | <0.001 |
| APS score (median [IQR]) | 38.00 [27.00, 53.00] | 37.00 [27.00, 53.00] | 58.00 [41.00, 79.00] | <0.001 |
| Charlson score (median [IQR]) | 3.00 [2.00, 5.00] | 4.00 [2.00, 5.00] | 3.00 [1.00, 5.00] | <0.001 |