Supplemental Table 7 Baseline characteristic of unmatched total patients

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 　 | 　 | total patients receiving steroids  | 　 | total patients without receiving steroids  | Standardized mean difference |
|  |  | n=32 |  | n=8307 |
|   | 　 | n(%) | 　 | n(%) |
| Age (years) |  | 66.60±13.00 |  | 68.39±16.32 | 0.121  |
| Gender (Male) |  | 20 (62.5%) |  | 4854 (58.43%) | 0.083  |
| Presenting complaint |  |  |  |  | 0.680  |
|  | Cardiac event | 7 (21.88%) |  | 1588 (19.12%) |  |
|  | Respiratory event | 10 (31.25%) |  | 626 (7.54%) |  |
|  | Other event | 4 (12.5%) |  | 1859 (22.38%) |  |
|  | Unknown | 11 (34.38%) |  | 4234 (50.97%) |  |
| Diabetes mellitus |  | 11 (34.38%) |  | 2698 (32.48%) | 0.040  |
| Hypertension |  | 19 (59.38%) |  | 4048 (48.73%) | 0.215  |
| Coronary artery disease |  | 4 (12.5%) |  | 1815 (21.85%) | 0.250  |
| Heart failure |  | 5 (15.63%) |  | 1230 (14.81%) | 0.023  |
| Atrial fibrillation |  | 0 (0%) |  | 497 (5.98%) | 0.357  |
| Chronic kidney disease |  | 1 (3.13%) |  | 1056 (12.71%) | 0.361  |
| Malignancy |  | 7 (21.88%) |  | 980 (11.8%) | 0.272  |
| Chronic obstructive lung disease | 16 (50%) |  | 1015 (12.22%) | 0.894  |
| Asthma |  | 17 (53.13%) |  | 254 (3.06%) | 1.341  |
| Adrenal insufficiency |  | 5 (15.63%) |  | 18 (0.22%) | 0.595  |
| Autoimmune disease |  | 8 (25%) |  | 42 (0.51%) | 0.789  |
| Steroid use prior to cardiac arrest (1-year) | 32 (100%) |  | 2562 (30.84%) | 2.118  |
| Shockable rhythm |  | 5 (15.63%) |  | 2444 (29.42%) | 0.335  |
| Epinephrine dosage (mg) |  | 3.91±3.23 |  | 6.91±6.77 | 0.566  |
| Vasopressin  |  | 1 (3.13%) |  | 6 (0.07%) | 0.245  |
| Medical center |  | 9 (28.13%) |  | 1992 (23.98%) | 0.095  |
| Urbanization level of residence |  |  |  |  | 0.594  |
|  | 1 (high) | 8 (26.67%) |  | 1951 (23.49%) |  |
|  | 2 | 7 (23.33%) |  | 3965 (47.74%) |  |
|  | 3 | 3 (10%) |  | 824 (9.92%) |  |
|  | ≥ 4 (low) | 12 (40%) |  | 1565 (18.84%) |  |
|  |  | 2 |  | 2 |  |
| Geographic distribution |  |  |  |  | 1.140  |
|  | Taipei | 6 (20%) |  | 3249 (39.12%) |  |
|  | Northern | 2 (6.67%) |  | 1355 (16.32%) |  |
|  | Central | 7 (23.33%) |  | 2116 (25.48%) |  |
|  | Southern | 13 (43.33%) |  | 358 (4.31%) |  |
|  | Kaopin | 2 (6.67%) |  | 681 (8.2%) |  |
|  | Eastern | 0 (0%) |  | 546 (6.57%) |  |
| 　 | 　 | 2 | 　 | 2 | 　 |

Standardized difference = difference in means or proportions divided by standard error; imbalance defined as absolute value greater than 0.10 (small effect size)