**Table S1.** Additional Baseline Characteristics of COVID-19 Patients with an ICU Stay.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristicsa | All patients, n (%) | Discharged Patients, n (%) | Deceased Patients, n (%) | p-value |
| Total | 2233 | 771 (34.5)  | 1462 (65.5)  |   |
| Marital Status |   |   |   |   |
| Married, Life Partner | 706 | 230 (32.6)  | 476 (67.4)  | 0.0002 |
| Single | 1066 | 414 (38.8)  | 652 (61.2)  |
| Divorced, Separated, Widowed | 218 | 63 (28.9)  | 155 (71.1)  |
| Unknown | 243 | 64 (26.3)  | 179 (73.7)  |
| Primary Spoken Language |   |   |   |   |
| English | 1312 | 469 (35.8)  | 843 (64.3)  | 0.148 |
| Non-English | 921 | 302 (32.8)  | 619 (67.2)  |
| Comorbidities |   |   |   |   |
| Chronic Diseaseb |   |   |   |   |
| No | 168 | 98 (58.3)  | 70 (41.7)  | <.0001 |
| Yes | 2065 | 673 (32.6)  | 1392 (67.4)  |
| Hypertension |   |   |   |   |
| No | 633 | 258 (40.8)  | 375 (59.2)  | <.0001 |
| Yes | 1600 | 513 (32.1)  | 1087 (67.9)  |
| Diabetes |   |   |   |   |
| No | 835 | 348 (41.7)  | 487 (58.3)  | <.0001 |
| Yes | 1398 | 423 (30.3)  | 975 (69.7)  |
| Asthma |   |   |   |   |
| No | 1948 | 671 (34.5)  | 1277 (65.6)  | 0.8314 |
| Yes | 285 | 100 (35.1)  | 185 (64.9)  |
| Cancer |   |   |   |   |
| No | 1929 | 659 (34.2)  | 1270 (65.8)  | 0.3611 |
| Yes | 304 | 112 (36.8)  | 192 (63.2)  |
| Heart Disease |   |   |   |   |
| No | 732 | 354 (48.4)  | 378 (51.6)  | <.0001 |
| Yes | 1501 | 417 (27.8)  | 1084 (72.2)  |
| Congestive Heart Failure |   |   |   |   |
| No | 1879 | 653 (34.8)  | 1226 (65.3)  | 0.6064 |
| Yes | 354 | 118 (33.3)  | 236 (66.7)  |
| Chronic Kidney Disease |   |   |   |   |
| No | 1596 | 600 (37.6)  | 996 (62.4)  | <.0001 |
| Yes | 637 | 171 (26.8)  | 466 (73.2)  |
| Elixhauser (count of comorbidities), Median (IQR) | 5.0 (3.0, 7.0) | 5.0 (3.0, 7.0) | 5.0 (3.0, 7.0) | <.0001 |
| Interventions |   |   |   |   |
| Vented (Mechanical) |   |   |   |   |
| No | 319 | 250 (78.4)  | 69 (21.6)  | <0.001 |
| Yes | 1914 | 521 (27.2)  | 1393 (72.8)  |   |
| Dialysis Order |   |   |   |   |
| No | 1669 | 686 (41.1)  | 983 (58.9)  | <0.001 |
| Yes | 564 | 85 (15.1)  | 479 (84.9)  |   |
| Lab Values |   |   |   |   |
| WBC (>10,000 per mm3)  |   |   |   |   |
| No | 891 | 422 (47.4)  | 469 (52.6)  | <0.001 |
| Yes | 1342 | 349 (26)  | 993 (74)  |   |
| Platelet Count ( <150,000 per mm3)  |   |   |   |   |
| No | 402 | 104 (25.9)  | 298 (74.1)  | <0.001 |
| Yes | 1831 | 667 (36.4)  | 1164 (63.6)  |   |
| Hemoglobin (< 14 g/dL)  |   |   |   |   |
| No | 349 | 128 (36.7)  | 221 (63.3)  | 0.358 |
| Yes | 1884 | 643 (34.1)  | 1241 (65.9)  |   |
| Hematocrit (< 42 %)  |   |   |   |   |
| No | 501 | 164 (32.7)  | 337 (67.3)  | 0.3378 |
| Yes | 1731 | 607 (35.1)  | 1125 (65)  |   |
|  Creatinine (>1.5 mg/dL) |   |   |   |   |
| No | 1320 | 590 (44.7)  | 730 (55.3)  | <0.001 |
| Yes | 913 | 181 (19.8)  | 732 (80.2)  |   |

ICU = intensive care unit, IQR = interquartile range.

aData are presented as number and row percentages unless otherwise noted. Percentages may not add up to 100 percent due to rounding.

bAny patient with a hypertension, diabetes, asthma, heart disease and/or chronic kidney disease condition.