**Supplemental Table**: Comparison of Patients with HIV Stratified by SARS-CoV-2 status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HIV positive** | | | |  |
|  | **SARS-CoV-2 positive n=201** | | **SARS-CoV-2 negative n=214** | |  |
|  | **n** | **(%)** | **n** | **(%)** |  |
| **Demographics** |  |  |  |  |  |
| Median Age in years (IQR) | 57 (48-63) | | 50 (39-58) | |  |
| Female Sex | 48 | 23.9 | 55 | 25.7 |  |
| Race |  |  |  |  |  |
| American Indian or Alaska Native | 0 | 0 | 1 | 0.5 |  |
| Asian | 0 | 0 | 4 | 1.9 |  |
| Black or African American | 120 | 59.7 | 96 | 44.9 |  |
| Native Hawaiian or Other Pacific Islander | 1 | 0.5 | 2 | 0.9 |  |
| White | 28 | 13.9 | 83 | 38.8 |  |
| Other | 52 | 25.9 | 28 | 13.1 |  |
| Ethnicity |  |  |  |  |  |
| Hispanic or Latino | 45 | 22.4 | 33 | 15.4 |  |
| Insurance |  |  |  |  |  |
| Private | 54 | 26.9 | 69 | 32.2 |  |
| Medicaid or Medicare | 141 | 70.1 | 127 | 59.3 |  |
| Uninsured | 3 | 1.5 | 14 | 6.5 |  |
| Undomiciled | 8 | 4 | 32 | 15 |  |
| **Past Medical History** |  |  |  |  |  |
| Atrial Fibrillation | 12 | 6 | 10 | 4.7 |  |
| Cancer (either active or inactive) | 27 | 13.4 | 31 | 14.5 |  |
| Chronic Obstructive Pulmonary Disease | 18 | 9 | 25 | 11.7 |  |
| Current Tobacco Smoker | 42 | 20.9 | 92 | 43 |  |
| Diabetes Mellitus | 55 | 27.4 | 44 | 20.6 |  |
| Heart Failure | 13 | 6.5 | 21 | 9.8 |  |
| Hyperlipidemia | 39 | 19.4 | 65 | 30.4 |  |
| Hypertension | 86 | 42.8 | 74 | 34.6 |  |
| Prior Ischemic Heart Disease | 9 | 4.5 | 17 | 7.9 |  |
| Median BMI (IQR) | 27.3 (23.7-31.6) | | 25.6 (21.5-31.2) | |  |
| Prior organ transplant | 8 | 4 | 1 | 0.5 |  |
| **Median Symptom Onset in Days (IQR)** | 4 (2-7) | | 3 (1.5-7) | |  |
| **Arrived in Cardiac Arrest** | 2 | 1 | 0 | 0 |  |
| **Admitted to hospital** | 126 | 62.7 | 105 | 49.1 |  |
| **Hospitalization Characteristics** |  |  |  |  |  |
| Admitted to intensive care unit from ED | 10 | 5 | 14 | 6.5 |  |
| Transferred to ICU during admission | 19 | 9.5 | 9 | 4.2 |  |
| Circulatory Support |  |  |  |  |  |
| Vasopressors | 19 | 9.5 | 14 | 6.5 |  |
| Extracorporeal Membrane Oxygenation | 3 | 1.5 | 6 | 2.8 |  |
| Ventilatory Support |  |  |  |  |  |
| Supplemental Oxygen | 78 | 38.8 | 58 | 27.1 |  |
| High Flow Oxygen | 6 | 3 | 4 | 1.9 |  |
| Noninvasive Positive Pressure Ventilation | 12 | 6 | 5 | 2.3 |  |
| Intubation | 20 | 10 | 7 | 3.3 |  |
| Median hospital length of stay in days (IQR) | 7 (4-14) | | 4 (2-6.8) | |  |
| **Died** | 28 | 13.9 | 11 | 5.1 |  |
| If patient died, median number of days from ED visit | 11.50 (5-15.5) | | 34 (7-55) | |  |

**Abbreviations**: BMI (Body Mass Index), ED (Emergency Department), HIV (human immunodeficiency virus), ICU (Intensive Care Unit), IQR (interquartile range), SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2), US (United States)