|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table. Peak levels of select markers of immune and inflammatory function during hospitalization, by HIV serostatus and viral suppression.** | | | | | | | | | |
|  | **PLWH, unsuppressed, N=15** | | **PLWH, suppressed (<40 copies/mL), N=81** | | **Without HIV, N=4,515** | |  | | |
| **Marker** | **N** | **Median (IQR)** | **N** | **Median (IQR)** | **N** | **Median (IQR)** | ***Pa*** | ***Pb*** | ***Pc*** |
| White blood cells (k/uL) | 15 | 7.3 (5.8, 13.1) | 77 | 10.2 (6.6, 14.7) | 4,247 | 10.3 (7.2, 15.1) | .10 | .07 | .72 |
| Lymphocytes (k/uL) | 15 | 1.8 (1.2, 2.8) | 77 | 1.4 (1, 1.9) | 4,247 | 1.5 (1.1, 2) | .20 | .06 | .43 |
| Neutrophils (k/uL) | 15 | 4 (2.8, 8.3) | 77 | 8.3 (4.8, 12.5) | 4,247 | 8.3 (5.2, 12.7) | .01 | .01 | .83 |
| C-reactive protein (mg/L) | 13 | 7.8 (3, 9.9) | 71 | 16 (5.1, 23.7) | 3,574 | 13.8 (5.6, 24.8) | .04 | .01 | .66 |
| Erythrocyte sedimentation rate (mm/hr) | 2 | 68.5 (45, 92) | 25 | 98 (63, 127) | 963 | 84 (57, 116) | .42 | .38 | .25 |
| Procalcitonin (ng/mL) | 12 | 0.2 (0.1, 0.45) | 51 | 0.3 (0.1, 3) | 2,788 | 0.3 (0.1, 1.65) | .35 | .19 | .69 |
| Ferritin (ng/mL) | 12 | 498 (324, 623) | 65 | 1132 (569, 2577) | 3,031 | 956 (467, 1973) | .04 | .01 | .24 |
| D-dimer (ug/mL) | 10 | 2.46 (0.69, 4.5) | 66 | 2.87 (1.06, 8.04) | 3,353 | 2.61 (1.14, 8.36) | .77 | .46 | .88 |
| Interleukin-6 (pg/mL) | 8 | 7.65 (5.05, 32) | 44 | 40.85 (10.65, 97.05) | 1,958 | 40 (17.1, 88.69) | .03 | .03 | .80 |

4 PLWH did not have HIV RNA measurements available. IQR = interquartile range, N/A = not applicable, PLWH = people living with HIV. aKruskal-Wallis test for distributional differences across all three groups.

bWilcoxon test between PLWH suppressed (N=81) and unsuppressed (N=15).

cWilcoxon test between PLWH suppressed (N=81) and those without HIV (N=4,513)