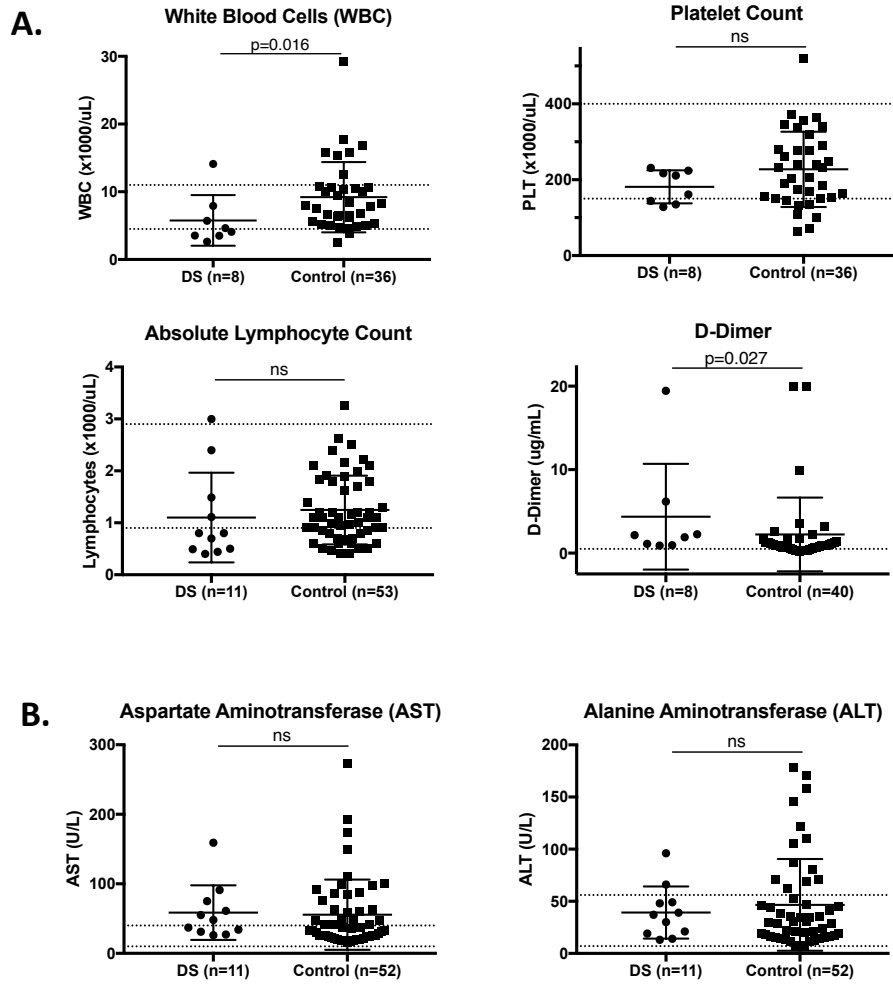


| | Patient 1 | Patient 2 | Patient 3 | Patient 4 | Patient 5 | Patient 6 | Patient 7 | Patient 8 | Patient 9 | Patient 10 | Patient 11 | Patient 12 |
|-------------------------------|---|--|---|--|--|------------------|---------------------------------|--|-------------|--|---|----------------|
| Age (years) | 1yr, 4mo | 19 | 23 | 34 | 50 | 50 | 58 | 58 | 58 | 60 | 61 | 67 |
| Sex | Male | Female | Male | Female | Male | Female | Female | Female | Male | Male | Female | Male |
| Race | Unknown | White | Unknown | Unknown | White | Unknown | Unknown | White | Unknown | White | White | Unknown |
| Ethnicity | Unknown | Hispanic or Latino or Spanish origin | Hispanic or Latino or Spanish origin | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown |
| Home status | Home | Home | Home | Home | Home | Group home | Nursing home | Assisted living facility | Home | Group home | Group home | Group home |
| Comorbidities | Acute myeloid leukemia (on chemo-therapy) | Asthma, Type 2 diabetes mellitus, Hypothyroidism (Hashimoto's) | Heart failure with reduced ejection fraction (EF=50%) | Type 2 diabetes mellitus, Hypothyroidism | Type 2 diabetes mellitus, Hypothyroidism | Seizure disorder | Dementia | Type 2 diabetes mellitus, Dementia, Hypothyroidism, Seizure disorder | Prediabetes | Type 2 diabetes mellitus, Hypertension | Alzheimer's disease, Hypothyroidism, Seizure disorder | Hypothyroidism |
| BMI (kg/m²) | 16.0 | 42.5 | 22.1 | 36.7 | 27.2 | 32.0 | 27.4 | 29.2 | 26.1 | 31.0 | 28.1 | 30.5 |
| HbA1c (%)^a | N/A | 7.6 | N/A | 9.9 | 7.4 | N/A | N/A | 4.6 | 5.8 | 7.1 | N/A | N/A |
| ARDS | No | Yes | No | Yes | No | No | Yes | Yes | No | No | No | Yes |
| Sepsis | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | No | Yes | Yes | Yes |
| Mechanical ventilation | No | Yes | No | Yes | No | No | No (DNI per MOLST) ^b | Yes | No | No | Yes | Yes |
| ICU care | Yes | Yes | No | Yes | No | No | No | Yes | No | No | Yes | Yes |
| Length of stay (days) | 16.8 | 17.4 | 1.8 | 27.1 | 14.8 | 11.9 | 3.5 | 14.4 | 19.6 | 3.9 | 35.2 | 18.2 |
| Outcome | Discharged | Still admitted | Discharged | Still admitted | Discharged | Discharged | Deceased | Deceased | Discharged | Discharged | Deceased | Still admitted |

^aHemoglobin A1c recorded within one month of current admission (except for Patient 8, for which latest recorded HbA1c was 4/23/2018); ^bDo not intubate (DNI) per Medical Orders for Life-Sustaining Treatment (MOLST)

Supplemental Table 1. Demographics and clinical features of patients with DS admitted with COVID-19.



Supplemental Figure 1. A. Blood leukocyte count, platelet count, and D-dimer concentration, and **B.** AST, and ALT concentrations of patients with DS and controls hospitalized for COVID-19. Dotted lines represent normal ranges.