

THE LANCET

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
We post it as supplied by the authors.

Supplement to: Cummings MJ, Baldwin MR, Abrams D, et al. Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study. *Lancet* 2020; published online May 19. [https://doi.org/10.1016/S0140-6736\(20\)31189-2](https://doi.org/10.1016/S0140-6736(20)31189-2).

Web Appendix

Table S1: Ordinal Scale Used to Evaluate Clinical Status During Hospitalization

| Clinical Status | Point |
|---|-------|
| Not hospitalized, performing normal activities | 1 |
| Not hospitalized, but unable to perform normal activities | 2 |
| Hospitalized, not requiring supplemental oxygen | 3 |
| Hospitalized, requiring supplemental oxygen via nasal cannula | 4 |
| Hospitalized, requiring respiratory support via non-rebreather mask, or high-flow nasal cannula oxygen therapy, or noninvasive mechanical ventilation | 5 |
| Hospitalized, requiring extracorporeal membrane oxygen, invasive mechanical ventilation, or both | 6 |
| Death | 7 |

Table S2: Risk factors for in-hospital mortality adjusted by Sequential Organ Failure Assessment Score

| Variable | Univariable HR (95% CI) | Multivariable HR (95% CI) |
|--|----------------------------|------------------------------|
| Age, per ten-year increase | 1.49 (1.29-1.73) | 1.28 (1.06-1.54) |
| Male gender | 0.85 (0.57-1.27) | 1.34 (0.81-2.21) |
| Symptom duration prior to hospital presentation, per day | 0.98 (0.93-1.02) | 1.01 (0.97-1.05) |
| Hypertension | 2.24 (1.40-3.59) | 1.81 (1.01-3.25) |
| Chronic cardiac disease ^a | 2.21 (1.44-3.39) | 1.76 (1.04-2.99) |
| Chronic obstructive pulmonary disease or interstitial lung disease | 3.15 (1.84-5.39) | 4.39 (2.13-9.03) |
| Chronic kidney disease | 1.50 (0.92-2.45) | --- |
| Diabetes mellitus | 1.65 (1.11-2.44) | 1.57 (0.95-2.60) |
| Body-mass-index ≥ 40 | 0.76 (0.40-1.47) | --- |
| Interleukin-6, per-decile increase | 1.12 (1.04-1.21) | 1.11 (1.01-1.21) |
| D-dimer, per-decile increase | 1.18 (1.10-1.27) | 1.08 (0.99-1.19) |
| SOFA score, per one-point increase | 1.13 (1.06-1.21) | 1.06 (0.98-1.15) |

Abbreviations: HR: hazard ratio; CI: Confidence interval; SOFA: Sequential Organ Failure Assessment.

Legend: ^aCoronary artery disease or congestive heart failure

Figure Legend

Figure S1: Flow diagram for study

Figure S1

