

### Supplementary material 1. Description of the WHO ordinal scale for clinical improvement

Patient state	Descriptor	Score
Uninfected	No clinical or virological evidence of infection	0
Ambulatory	No limitation of activities	1
	Limitation of activities	2
Hospitalized – Mild disease	Hospitalized, no oxygen therapy	3
	Oxygen by mask or nasal prongs	4
Hospitalized – Severe disease	Non-invasive ventilation of high-flow oxygen	5
	Intubation and mechanical ventilation	6
	Ventilation + additional organ support – pressors, RRT, ECMO	7
Dead	Death	8

*RRT* Renal replacement therapy, *ECMO* Extra-corporeal membrane oxygenation