Supplementary File 2. FiO2 risk-based severity classification

The table shows classification of respiratory failure according to oxygen requirement and levels of hospitalization. This classification was adopted from the British Thoracic Society Guideline and employed to assess the evolution of the condition during the trial.

Yellow levels: Ward	**Y1**	FiO2 requirements ≤ 35% supplied by nasal cannula
	Y2	FiO2 requirements between 40% and 60% supplied by venturi mask
	Y3	FiO2 requirements ≥ 60% provided by a closed system
Orange levels: Respiratory care Unit	**O1**	High-flow nasal cannula (HFNC) with FiO2 < 50% and flow < 30 per min
	O2	High-flow nasal cannula (HFNC) with FiO2 > 50% and flow > 30 per min
	O3	CPAP or non-invasive ventilation with Helmet
Red levels: Intensive care Unit	**R1**	Invasive mechanical ventilation (IMV) with PaFi ≥ 200
	R2	Invasive mechanical ventilation (IMV) with PaFi < 200
	R3	IMV and sepsis (qSOFA 2 of 3) and/or multi-organ failure