

Supplementary Table 3. Ranking of patient vignettes from applying the prioritization tool

Patient	Rank	Score	Age (independent of other criteria)	SOFA score	BMI (independent of comorbidity and function)	Pre-existing cardiovascular conditions	Pre- existing respiratory conditions	Immuno- compromised	Other relevant medical conditions	Functional capacity
<i>C</i> : 39-year-old man with recent thyrotoxic cardiomyopathy: SOFA 8	1 st	92.2%	19-39 years old	8-11	19-40	moderate	none	none / mild	none / mild	normal: METS > 5
<i>A</i> : 12-year-old girl with bronchiectasis: pSOFA 3	2 nd	88.2%	≤ 18 years old	≤ 7 or single organ failure	19-40	none / mild	significant	none / mild	none / mild	normal: METS > 5
<i>E</i> : 59-year-old man with early dementia: SOFA 2	3 rd	82.4%	40-59 years old	≤ 7 or single organ failure	19-40	none / mild	mild	none / mild	moderate / significant	normal: METS > 5
<i>B</i> : 38-year-old woman with obesity, diabetes: SOFA 3	4 th	79.7%	19-39 years old	≤ 7 or single organ failure	> 50	none / mild	none	none / mild	moderate / significant	normal: METS > 5
<i>I</i> : 76-year-old woman, MS but in remission: SOFA 3	5 th	77.8%	> 75 years old	≤ 7 or single organ failure	19-40	none / mild	none	none / mild	moderate / significant	normal: METS > 5
<i>H</i> : 71-year-old man, usually well but	6 th	76.5%	60-75 years old	> 11	19-40	none / mild	none	none / mild	none / mild	normal: METS > 5

critically ill: SOFA 13										
<i>D</i> : 58-year-old woman undergoing chemotherapy: SOFA 2	7 th	71.2%	40-59 years old	≤ 7 or single organ failure	19-40	none / mild	mild	moderate / significant	moderate / significant	normal: METS > 5
<i>F</i> : 64-year-old man with obesity, AAA, moderate COPD: SOFA 4	8 th	64.7%	60-75 years old	≤ 7 or single organ failure	40-50	significant	moderate	none / mild	none / mild	normal: METS > 5
<i>G</i> : 68-year-old woman with severe COPD: SOFA 6	8 th	64.7%	60-75 years old	≤ 7 or single organ failure	19-40	none / mild	significant	none / mild	none / mild	poor: METS < 5
<i>J</i> : 79-year-old man, multiple medical conditions: SOFA 9	10 th	49.7%	> 75 years old	8-11	19-40	moderate	moderate	none / mild	moderate / significant	poor: METS < 5