

Supplemental data

**Table S1 Comparison between those lost to follow-up and the study cohort**

	<b>Lost to follow-up n = 29</b>	<b>Study cohort n = 107</b>	<b>p-value</b>
<b>Female, n (%)</b>	16 (55)	58 (54.2)	0.926
<b>Median age (IQR)</b>	37 (30-46)	42 (33-51)	0.190
<b>Remunerative work, n (%)</b>	15 (51.7)	68 (63.6)	0.247
<b>Clinical Frailty Scale score, median (IQR)</b>	2 (2-3)	2 (2-2)	0.873
<b>SAPS 3 score, median (IQR)</b>	47 (41-54)	48 (43-55)	0.423
<b>Days in ICU</b>	6 (5-10)	7 (5-14)	0.134
<b>Trauma vs surgical vs medical diagnosis, n (%)</b>	7 (24.1)	22 (20.6)	0.511
	8 (27.6)	21 (19.6)	
	14 (48.2)	64 (59.8)	

**Table S2 Patients with a worse IADL score at six months vs six weeks after discharge**

<b>Patient</b>	<b>Mental health symptoms at 6-months visit</b>	<b>Other changes, including HRQOL</b>
<b>1</b>	Worsening significant symptoms of PTSD	Lower MCS.
<b>2</b>	Worsening significant symptoms of depression	Shorter 6MWD. Lower PCS and MCS.
<b>3</b>	Worsening significant symptoms of anxiety	Lower PCS and MCS.
<b>4</b>	Ongoing symptoms anxiety and PTSD	Improved PCS and MCS scores, but still low values
<b>5</b>	New symptoms of anxiety, depression and PTSD	Lower PCS and MCS.
<b>6</b>	New symptoms of anxiety and depression	Lower PCS and MCS
<b>7</b>	New symptoms of anxiety and PTSD	Persistently low MCS and PCS. Leg was amputated.

PTSD= post-traumatic stress disorder, MCS= mental component Summary score, PCS= physical component summary score, 6MWD: six minute walk test distance

**Table S3 Comparisons of Good and Poor Outcome groups for SF-36 PCS**

	<b>Good PCS n = 44</b>	<b>Poor PCS n = 63</b>	<b>p-value</b>
Female sex, n (%)	19 (43.2)	39 (61.9)	0.056
Age, median years (IQR)	42 (36-53)	42 (31-51)	0.344
Clinical Frailty Scale, median (IQR)	2 (2-2)	2 (2-2)	0.475
Charlson Comorbidity Index, median (IQR)	0 (0-0)	0 (0-1)	0.044*
Unemployed at baseline	6 (13.6)	11 (39)	0.596
Year of education, mean (SD)	11 (2)	11 (3)	0.265
SAPS 3 score, median (IQR)	50 (46-54)	47 (42-55)	0.168
Highest SOFA score, median (IQR)	5 (4-9)	4 (4-9)	0.745
Hospital days, median (IQR)	22 (13-38)	23 (14-35)	0.592
ICU days, median (IQR)	7 (5-12)	8 (5-17)	0.435
ICU-stay longer than 7 days, n (%)	23 (52.3)	41 (65)	0.184
ARDS, n (%)	29 (53.7)	45 (84.5)	0.543
PF ratio, median (IQR)	113 (85-263)	130 (81-209)	0.545
Invasive ventilation, n (%)	20 (45.5)	27 (42.9)	0.790
Ventilated longer than 7 days, n (%)	7 (15.9)	12 (19)	0.124
COVID-19 related admission, n (%)	24 (54.5)	33 (52.4)	0.825
Diagnostic category: surgical, n (%)	11 (25)	10 (22.7)	0.012*
Diagnostic category: medical, n (%)	30 (68.2)	34 (54)	
Diagnostic category: trauma (%)	3 (6.8)	19 (30.2)	
Sepsis, n (%)	35 (79.1)	51 (90.9)	0.857
Vasopressor treatment, n (%)	12 (27.3)	19 (30.2)	0.746
Acute kidney injury, n (%)	25 (56.8)	33 (52.4)	0.650
More than 1 day of benzodiazepine sedation, n (%)	7 (15.9)	12 (19.0)	0.676
Delirium, n (%)	10 (22.7)	19 (30.3)	0.400

\*= p value < 0.05, IQR = interquartile range, fiO2= fraction of inspired oxygen, SAPS=Simplified Acute Physiology Score, SOFA= Sequential Organ Failure Score, PF ratio= arterial oxygen/fraction of inspired oxygen, ARDS = acute respiratory distress syndrome

**Table S4 Comparisons of Good and Poor Outcome groups for SF-36 MCS**

	<b>Good MCS n=54</b>	<b>Poor MCS n=53</b>	<b>p-value</b>
<b>Female sex, n (%)</b>	23 (42.6)	35 (66)	0.015*
<b>Age, median years (IQR)</b>	41 (33-51)	42 (31-51)	0.840
<b>Clinical Frailty Scale, median (IQR)</b>	2 (2-2)	3 (2-3)	0.320
<b>Charlson Comorbidity Index, median (IQR)</b>	0 (0-0)	0 (0-0)	0.064
<b>History of mental health problem</b>	7 (13)	4 (7.5)	0.356
<b>Unemployed at baseline</b>	43 (79)	7 (13.2)	<0.001*
<b>Year of education, mean (SD)</b>	11 (2)	11 (3)	0.498
<b>SAPS 3 score, median (IQR)</b>	49 (45-53)	47 (41-55)	0.326
<b>Highest SOFA score, median (IQR)</b>	5 (4-9)	4 (4-8)	0.818
<b>Hospital days, median (IQR)</b>	23 (13-34)	21(14-35)	0.847
<b>ICU days, median (IQR)</b>	7 (5-15)	7 (5-12)	0.664
<b>ICU-stay longer than 7 days, n (%)</b>	29 (53.7)	35 (66)	0.514
<b>ARDS, n (%)</b>	33 (61.1)	41 (77.4)	0.070
<b>PF ratio, median (IQR)</b>	140 (86-265)	114 (79-200)	0.189
<b>Invasive ventilation, n (%)</b>	26 (48)	21 (39.6)	0.734
<b>Ventilated longer than 7 days, n (%)</b>	9 (16.7)	10 (18.9)	0.366
<b>COVID-19 related admission, n (%)</b>	22 (40.7)	28 (52.8)	0.210
<b>Diagnostic category: surgical, n (%)</b>	13 (24.1)	8 (15.1)	0.490
<b>Diagnostic category: medical, n (%)</b>	31 (57.4)	33 (62.3)	
<b>Diagnostic category: trauma (%)</b>	10 (18.5)	12 (22.6)	
<b>Sepsis, n (%)</b>	42 (77.8)	44 (83.0)	0.628
<b>Vasopressor treatment, n (%)</b>	16 (29.6)	15 (28.3)	0.880
<b>Acute kidney injury, n (%)</b>	32 (59.3)	26 (49.1)	0.290
<b>More than 1 day of benzodiazepine sedation, n (%)</b>	8 (14.8)	11 (20.8)	0.421
<b>Delirium, n (%)</b>	14 (25.9)	15 (28.3)	0.780

\*= p value < 0.05, IQR = interquartile range, fiO2= fraction of inspired oxygen, SAPS=Simplified Acute Physiology Score, SOFA= Sequential Organ Failure Score, PF ratio= arterial oxygen/fraction of inspired oxygen, ARDS = acute respiratory distress syndrome