

Delirium and adverse outcomes in hospitalized patients with COVID-19.

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4 **Supplementary Table S1:** Complete baseline characteristics of hospitalized middle-aged and older
5 adults with COVID-19, according to the overall occurrence of delirium.

	Total N=707	No delirium N=473	Delirium N=234	P-value
Age (years)				<0.001
50-64	339 (48)	258 (55)	81 (35)	
65-79	274 (39)	176 (37)	98 (42)	
≥80	94 (13)	39 (8)	55 (24)	
Age (years)	66 (±11)	64 (±10)	70 (±1)	<0.001
Female sex	303 (43)	212 (45)	91 (39)	0.13
Race or ethnicity				0.65
White	451 (64)	304 (64)	147 (63)	
Mixed	168 (24)	107 (23)	61 (26)	
Black	75 (11)	54 (11)	21 (9)	
Other	13 (2)	8 (2)	5 (2)	
Marital status				0.012
Unmarried	256 (36)	185 (39)	71 (30)	
Married	302 (43)	203 (43)	99 (42)	
Divorced	63 (9)	39 (8)	24 (10)	
Widowed	86 (12)	46 (10)	40 (17)	
Literacy (years)				0.21
≥9	196 (28)	137 (29)	59 (25)	
5-8	215 (30)	149 (32)	66 (28)	
≤4	296 (42)	187 (40)	109 (47)	
Dementia	30 (4)	8 (2)	22 (9)	<0.001
Diabetes	299 (42)	201 (42)	98 (42)	0.88
Cerebrovascular disease	52 (7)	23 (5)	29 (12)	<0.001
Coronary disease	98 (14)	69 (15)	29 (12)	0.43
Hypertension	483 (68)	322 (68)	161 (69)	0.67
Heart failure	117 (17)	72 (15)	45 (19)	0.15
Obesity	182 (26)	137 (29)	45 (19)	0.005
Cancer	104 (15)	52 (11)	52 (22)	<0.001
Chronic pulmonary disease	70 (10)	50 (11)	20 (9)	0.40
Charlson score	1 (0, 4)	1 (0, 3)	2 (1, 5)	<0.001
Polypharmacy				0.18
≤4	469 (66)	317 (67)	152 (66)	
5-9	197 (28)	126 (27)	71 (31)	
≥10	41 (6)	32 (7)	9 (4)	

Previously independent	517 (73)	378 (80)	139 (59)	<0.001
Number of typical symptoms	3 (2, 4)	3 (3, 5)	3 (2, 4)	<0.001
Days of symptoms	7 (5, 11)	8 (5, 11)	7 (5, 10)	0.006
Supplemental oxygen	513 (73)	334 (70)	179 (77)	0.056
Temperature <36°C ou >37.6°C	203 (29%)	140 (29)	63 (27)	0.52
MAP <70 mmHg	39 (6)	19 (4)	20 (9)	0.012
Lymphocytes (cels/mm3)	900 (610, 1330)	977 (650, 1374)	835 (600, 1200)	0.004
C-reactive protein	132 (72, 226)	127 (68, 218)	149 (83, 239)	0.067
GFR (mL/min)	70 (32, 98)	75 (38, 104)	56 (27, 90)	<0.001
D-dimer (ng/mL)	1748 (838, 7244)	1485 (719, 5633)	3143 (1142, 13728)	<0.001
Albumin (g/dL)	3.1 (2.8, 3.4)	3.2 (2.9, 3.4)	2.9 (2.6, 3.2)	<0.001
Total days in ICU	2 (0, 10)	0 (0, 8)	5 (0, 12)	<0.001
Ventilator utilization	289 (41)	167 (35)	122 (53)	0.038
Length of stay (days):	11 (6, 16)	10 (6, 15)	13 (8, 20)	<0.001
Outcome				<0.001
Discharge	434 (61)	329 (70)	105 (45)	
In-hospital death	273 (39)	144 (30)	129 (55)	

Data are presented as mean [\pm SD] or median (IQR) for continuous measures, and n (%) for categorical measures.

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