

Investigation on the Mental Health Status of ICU Practitioners and Analysis of Influencing Factors during the Stable Stage of COVID-19 Epidemic in China

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SUPPLEMENTARY INFORMATION

Factor	Overall	Norm	p*	Male	Norm	p*	Female	Norm	p*
	ICU practitioners			ICU practitioners			ICU practitioners		
Somatization	1.60 ± 0.66	1.37 ± 0.48	<0.01	1.53 ± 0.6	1.38 ± 0.49	<0.01	1.65 ± 0.70	1.37 ± 0.47	<0.01
Obsessive-compulsive s	1.91 ± 0.79	1.62 ± 0.58	<0.01	1.84 ± 0.76	1.66 ± 0.61	<0.01	1.96 ± 0.81	1.59 ± 0.54	<0.01
Interpersonal sensitivity	1.69 ± 0.74	1.65 ± 0.61	0.048	1.67 ± 0.72	1.66 ± 0.64	0.735	1.71 ± 0.75	1.61 ± 0.58	<0.01
Depression	1.75 ± 0.75	1.50 ± 0.59	<0.01	1.70 ± 0.72	1.51 ± 0.6	<0.01	1.78 ± 0.78	1.49 ± 0.56	<0.01
Anxiety	1.61 ± 0.70	1.39 ± 0.43	<0.01	1.58 ± 0.67	1.41 ± 0.44	<0.01	1.63 ± 0.71	1.37 ± 0.42	<0.01
Hostility	1.67±0.76	1.46 ± 0.55	<0.01	1.65 ± 0.74	1.48 ± 0.56	<0.01	1.68 ± 0.77	1.45 ± 0.52	<0.01
Phobic anxiety	1.41 ± 0.60	1.23 ± 0.41	<0.01	1.37 ± 0.55	1.23 ± 0.37	<0.01	1.44 ± 0.63	1.30 ± 0.47	<0.01
Paranoid	1.54 ± 0.67	1.43 ±	<0	1.55 ± 0.67	1.46 ±	0.00	1.52 ± 0.66	1.41 ±	<0.0

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Psychoticism	1.47 ± 0.63	1.29 ± 0.42	<0 .0 01	1.46±0.61	1.32 ± 0.44	<0.0 01	1.48 ± 0.64	1.26 ± 0.39	<0.0 01
Number of positive items	34.57 ± 27.9	24.92 ± 18.41	<0 .0 01	34.12±28.3 1	25.68 ± 18.79	<0.0 01	34.91 ± 27.59	24.17 ± 17.49	<0.0 01

Table S1. SCL-90 score of ICU practitioners.

Factor	Variable level	Non-anti- COVID-19 group, n=2641(%)	Anti- COVID-19 group, n=1210(%)	Total	Test method	Statistics(χ^2)	P value
Somatization	No	1955 (74.02)	1027 (84.88)	2982 (77.43)	chi square	57.353	<0.001
	Light	522 (19.77)	136 (11.24)	658 (17.09)			
	Moderate	147 (5.57)	39 (3.22)	186 (4.83)			
	Severe	17 (0.64)	8 (0.66)	25 (0.65)			
Obsessive-compulsive	No	1404 (53.16)	870 (71.90)	2274 (59.05)	chi square	122.052	<0.001
	Light	854 (32.34)	243 (20.08)	1097 (28.49)			
	Moderate	326 (12.34)	78 (6.45)	404 (10.49)			
	Severe	57 (2.16)	19 (1.57)	76 (1.97)			
Interpersonal sensitivity	No	1722 (65.20)	969 (80.08)	2691 (69.88)	chi square	90.908	<0.001
	Light	684 (25.90)	174 (14.38)	858 (22.28)			
	Moderate	216 (8.18)	56 (4.63)	272 (7.06)			
	Severe	19 (0.72)	11 (0.91)	30 (0.78)			
Depression	No	1704 (64.52)	948 (78.35)	2652 (68.87)	chi square	76.985	<0.001
	Light	665 (25.18)	190 (15.70)	855 (22.20)			
	Moderate	245 (9.28)	59 (4.88)	304 (7.89)			
	Severe	27 (1.02)	13 (1.07)	40 (1.04)			
Anxiety	No	1910 (72.32)	993 (82.07)	2903 (75.38)	chi square	44.643	<0.001
	Light	550 (20.83)	166 (13.72)	716 (18.59)			
	Moderate	161 (6.10)	41 (3.39)	202 (5.25)			
	Severe	20 (0.76)	10 (0.83)	30 (0.78)			
Hostility	No	1793 (67.89)	989 (81.74)	2782 (72.24)	chi square	79.593	<0.001
	Light	582 (22.04)	149 (12.31)	731 (18.98)			
	Moderate	211 (7.99)	59 (4.88)	270 (7.01)			
	Severe	55 (2.08)	13 (1.07)	68 (1.77)			

Phobic anxiety	No	2180 (82.54)	1047 (86.53)	3227 (83.80)	chi square	10.869	0.012
	Light	357 (13.52)	120 (9.92)	477 (12.39)			
	Moderate	91 (3.45)	39 (3.22)	130 (3.38)			
	Severe	13 (0.49)	4 (0.33)	17 (0.44)			
Paranoid ideation	No	1971 (74.63)	1027 (84.88)	2998 (77.85)	chi square	51.688	<0.001
	Light	516 (19.54)	133 (10.99)	649 (16.85)			
	Moderate	125 (4.73)	41 (3.39)	166 (4.31)			
	Severe	29 (1.10)	9 (0.74)	38 (0.99)			
Psychoticism	No	2069 (78.34)	1038 (85.79)	3107 (80.68)	chi square	31.338	<0.001
	Light	459 (17.38)	129 (10.66)	588 (15.27)			
	Moderate	101 (3.82)	38 (3.14)	139 (3.61)			
	Severe	12 (0.45)	5 (0.41)	17 (0.44)			

Table S2. Comparison of SCL-90 scoring factors between anti-COVID-19 group and non-anti-COVID-19 group