
Table 1 Basic information of the survey population

	Internal medicine resident (n=151)	Surgery/ anesthesia resident (n=23)
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Gender (n,%)		
male	30 (19.9)	15 (65.2)
Grade (n,%)		
one	66 (43.7)	9 (39.1)
two	44 (29.1)	11 (47.8)
three	28 (18.5)	3 (13.4)
Age, year (mean \pm SD)	25.9 \pm 2.2	26.2 \pm 2.3
Married (n,%)	31 (20.5)	5 (21.7)
Children or pregnancy (n,%)	12 (7.9)	4 (17.3)
Working day per week (mean \pm SD)	3.7 \pm 1.9	4.5 \pm 1.3

Table 2 Residents' perceptions on clinical practice related to COVID-19 pandemic							
	Total (n=174)	Internal medicine resident (n=151)	Surgery resident (n=23)	<i>P</i> value	Married (n=36)	Single (n=138)	<i>P</i> value
Do you think your organization had good self-protection measures against the COVID-19?				0.050			0.613
Yes (n,%)	154 (88.5)	134 (88.7)	17 (73.9)		31 (86.1)	123 (89.1)	
Are you willing to be assigned to the frontline (such as the medical wards, intensive care unit, and emergency room) to combat against the COVID-19?				0.621			0.881
Yes (n,%)	90 (51.7)	77 (51.0)	13 (56.5)		19 (52.8)	71 (51.4)	
Did you get well paid accordingly during the epidemic?				0.030			0.844
Yes (n,%)	70 (40.2)	56 (37.1)	14 (60.9)		15 (41.7)	55 (39.9)	
Have you ever been unfairly treated during the epidemic?				0.990			0.399
Yes (n,%)	38 (21.8)	33 (21.9)	5 (21.7)		6 (16.7)	32 (23.2)	
Have your regular training been affected during the epidemic?				0.054 *			0.740
Yes (n,%)	117 (67.2)	97 (64.2)	20 (87.0)		23 (63.9)	94 (68.1)	
Did your department carry out online education during the epidemic?				0.004			0.707
Yes (n,%)	153 (87.9)	137 (90.7)	16 (69.6)		31 (86.1)	122 (88.4)	
Did you increase self-study time to strengthen the clinical skills during the epidemic?				0.056 *			0.606
Yes (n,%)	136 (78.2)	114 (75.5)	22 (95.7)		27 (75)	109 (79)	
Have your research activities been affected during the epidemic?				0.067			0.909
Yes (n,%)	39 (22.4)	37 (24.5)	2 (8.7)		9 (25)	30 (21.7)	
No (n,%)	21 (12.7)	20 (13.2)	1 (4.3)		4 (11.1)	17 (12.3)	
None (n,%)	114 (65.5)	94 (62.3)	20 (87.0)		23 (63.9)	91 (65.9)	
Has your passion for medical career been dampened by the epidemic?				0.108			0.772
Never (n,%)	56 (32.2)	45 (29.8)	11 (47.8)		11 (30.6)	45 (32.6)	
Rare (n,%)	53 (30.1)	48 (31.8)	5 (21.7)		11 (30.6)	42 (30.4)	

Sometimes (n,%)	49 (28.2)	42 (27.8)	7 (3.4)		10 (27.8)	39 (28.3)
Often (n,%)	8 (4.6)	8 (5.3)	0 (0.0)		3 (8.3)	5 (3.6)
Always (n,%)	8 (4.6)	8 (5.3)	0 (0.0)		1 (2.8)	7 (5.1)
Are you satisfied with your online education?				0.929		0.890
				*		
Yes (n,%)	156 (89.7)	136 (90.1)	20 (86.7)		33 (91.7)	123 (89.1)
Did you have a sense of self-worth during the epidemic?				0.608		0.625
Yes (n,%)	105 (60.3)	90 (59.6)	15 (65.2)		23 (63.9)	82 (59.4)
Are you worried of the impact of the epidemic on your graduation?				0.924		0.754
Yes (n,%)	59 (34.0)	51 (33.8)	8 (34.7)		13 (36.1)	46 (33.3)
Are you worried of the impact of the epidemic on taking up an occupation?				0.464		0.934
Yes (n,%)	57 (32.8)	51 (33.8)	6 (26.7)		12 (33.3)	45 (32.6)
Are you sticking with your medical career after experiencing the epidemic?				0.575		0.771
				**		**
Yes (n,%)	138 (79.3)	121 (80.1)	17 (73.9)		30 (83.3)	108 (78.3)
No (n,%)	4 (2.3)	4 (2.6)	0 (0.0)		0 (0)	4 (2.9)
Unsure (n,%)	32 (18.4)	26 (17.2)	6 (26.7)		6 (16.7)	26 (18.8)

*indicates Corrected Chi-square test

**indicates Fisher Exact Probability test