

**Table 1)** Frequency of depression, anxiety, and stress in the families of studied nurses

<b>Disorder/Level</b>	<b>Depression</b>		<b>Anxiety</b>		<b>Stress</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>Normal</b>	125	56.3	142	64.4	125	56.3
<b>Mild</b>	44	19.8	9	4.1	29	13.1
<b>Moderate</b>	40	18.0	45	20.3	51	23.0
<b>Severe</b>	13	5.9	22	9.9	13	5.9
<b>Very severe</b>	0	0	4	1.8	4	1.8

**Table 2)** Mean scores of depression, anxiety, and stress based on the studied variables in nurses' families

Variable	No.	Depression		Anxiety		Stress	
		Mean	p-value	Mean	p-value	Mean	p-value
<b>Age (year)</b>							
10-30	124	8.7±6.5	0.163	6.0±5.1	0.010	13.7±8.0	0.278
31-50	66	10.1±6.3		8.4±6.4		13.7±7.9	
51-70	32	7.6±7.1		5.7±4.8		11.3±7.9	
<b>Gender</b>							
Male	102	9.5±6.7	0.222	5.4±5.5	0.002	12.4±8.1	0.094
Female	120	8.5±6.4		7.7±5.4		14.2±7.8	
<b>Marital status</b>							
Single	55	5.9±6.5	0.027	5.8±4.6	0.444	11.5±7.1	0.116
Married	157	9.7±6.4		6.9±5.8		14.1±7.8	
Widow-divorced	10	9.1±8.4		6.9±7.0		12.6±12.9	
<b>Relationship with the healthcare team</b>							
Parents	52	7.8±6.4	0.001	7.6±6.5	0.514	13.1±7.9	0.502
Spouse	94	10.7±6.2		6.7±5.4		14.1±7.9	
Children	38	6.0±6.1		5.8±4.7		11.8±7.9	
Others	38	9.1±6.9		6.3±5.4		13.4±8.1	
<b>History of disease</b>							
Yes	27	10.7±6.9	0.147	6.2±5.0	0.696	13.9±7.9	0.700
No	195	8.7±6.5		6.7±5.7		13.3±8.0	
<b>Were there any positive or suspicious cases of Covid-19 in the family or relatives?</b>							
Yes	19	7.4±5.0	0.275	4.6±4.2	0.103	11.1±5.6	0.190
No	203	9.1±6.7		6.8±5.7		13.6±8.1	
<b>Nurse work experience (years)</b>							
1-5	171	9.0±6.6	0.872	6.5±5.1	0.082	13.6±7.9	0.415
6-10	41	8.5±6.7		7.9±7.1		12.9±8.4	
10<	10	9.4±5.8		3.6±5.3		10.4±7.5	
<b>Employment status</b>							
Project	64	10.8±7.0	0.075	9.1±5.9	<0.001	16.5±8.8	0.002
Contractual	61	7.4±6.2		4.6±4.7		11.7±6.5	
Employment contract	51	9.4±7.3		6.5±6.2		12.8±8.9	
Official	31	8.0±4.6		7.0±4.6		10.0±5.6	
Remark	4	6.0±5.7		6.0±1.1		13.0±2.3	

Corporate	11	9.0±5.4		3.3±1.9		14.9±3.8	
<b>Average working hours per week</b>							
< 36	64	8.4±5.1	0.546	7.5±5.8	0.078	14.2±7.7	0.600
37-72	135	9.1±7.2		6.6±5.6		13.1±8.0	
72<	23	10.1±6.6		4.4±4.5		12.8±8.5	
<b>Study rate to increase disease awareness (hours)</b>							
<1	99	9.5±6.0	0.519	7.2±5.4	0.142	13.4±8.2	0.827
1-2	99	8.5±6.6		5.8±5.5		13.1±7.2	
2-3	24	8.6±8.4		7.7±6.2		14.2±9.7	
<b>She returns home at the end of each shift</b>							
Back to home	148	8.5±6.8	0.169	6.9±5.4	0.029	13.5±7.7	0.729
Quarantine at home	36	9.2±3.6		4.5±4.2		12.4±7.5	
Quarantine at a new home	38	10.7±7.6		7.8±6.8		13.7±9.2	

**Table 3)** Results of LSD post hoc test to compare the two groups regarding the studied variables

Variable			Mean difference	Standard error	p-value	
<b>Depression</b>	Marital status	Single-married	-2.7	1.0	0.007	
		Single-widow	-2.1	2.2	0.339	
		Married-widow	0.6	2.1	0.769	
	Relationship with the nurse	Parents-spouse	-2.9	1.1	0.010	
		Parents-child	1.8	1.3	0.183	
		Parents-others	-1.2	1.3	0.374	
		Spouse-child	4.7	1.2	<0.001	
		Spouse-others	1.6	1.2	0.174	
		Child-others	-3.0	1.4	0.039	
<b>Anxiety</b>	Age (year)	10 to 30-31 to 50	-2.4	0.8	0.004	
		10 to 30-51 to 70	0.2	1.0	0.842	
		31 to 50-51 to 70	2.6	1.1	0.027	
	Employment status	Project-contractual	4.4	0.9	<0.001	
		Project- employment contract	2.5	1.0	0.011	
		Project-official	2.0	1.1	0.076	
		Project-remark	3.1	2.7	0.225	
		Project-cooperate	5.7	1.7	0.001	
		Contractual - employment contract	-1.8	1.0	0.064	
		Contractual-official	-2.3	1.1	0.044	
		Contractual - remark	-1.3	2.7	0.632	
		Contractual-cooperate	1.3	1.7	0.475	
		Employment contract- official	-0.495	1.2	0.685	
		Employment contract-remark	0.5	2.7	0.838	
		Employment contract-cooperate	3.2	1.7	0.073	
		Official- remark	1.0	2.8	0.709	
		Official-cooperate	3.7	1.8	0.051	
		Remark-cooperate	2.6	3.1	0.401	
		Nurse quarantine status	Back to home-quarantine at home	2.3	1.0	0.023
			Back to home-quarantine at a new home	-0.9	1.0	0.362
			Quarantine at home- quarantine at a new home	-3.2	1.2	0.012
<b>Stress</b>	Employment status	Project-contractual	4.7	1.3	0.001	
		Project- employment contract	3.6	1.4	0.011	
		Project-official	1.4	1.6	<0.001	
		Project-remark	3.5	2.9	0.379	
		Project-cooperate	-0.5	2.5	0.843	
		Contractual - employment contract	-1.0	1.4	0.460	
		Contractual-official	1.6	1.6	0.340	
		Contractual - remark	-1.2	3.9	0.748	
		Contractual-cooperate	-5.2	2.5	0.038	
		Employment contract- official	2.7	1.7	0.124	

Employment contract-remark	-0.1	3.9	0.961
Employment contract-cooperate	-4.1	2.5	0.103
Official- remark	-2.9	4.0	0.479
Official-cooperate	-6.9	2.7	0.011
Remark-cooperate	-4.0	4.4	0.375