

TABLE 1. Questions evaluating the cause of anxiety and depression

Question 1. How concerning is your patient's hospitalization in the ICU due to an epidemic?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 2. How much are you concerned about getting sick from your patient?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 3. How concerning is it not being able to visit your patient in the ICU?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 4. How concerning is the way you receive information about your patient (over the phone)?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 5. How concerning is the frequency of getting information about your patient (3 times a week)?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 6. How concerning is isolation due to the pandemic?			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time
Question 7. Is there any other reason that concerns you apart from the above reasons? If yes, please indicate how concerning it is.			
0) Not at all	1) Sometimes	2) Very often	3) Most of the time

TABLE 2: Demographic characteristics of patients

Variables	n=120
Age (Mean±SD) Female Male	70.22±14.7 73.95±11.9 66.48±16.3
Gender n (%) Female Male	60 (50) 60 (50)
Marital status n (%) Married Single Divorced Widow	92 (76.7) 4 (3.3) 1 (0.8) 23 (19.2)
Education n (%) Primary school High school University Illiterate	72 (60) 16 (13.3) 11 (9.2) 21 (17.5)
APACHE-II Score Mean±SD (min-max)	17± 7 (3-36)
Need of mechanical ventilation n (%) Yes No	34 (28.3) 86 (71.7)

Abbreviations: APACHE-II Score, Acute Physiology and Chronic Health Evaluation II Score; SD, Standard deviation; min-max, minimum maximum value

TABLE 3: Demographic characteristics of participants (patients' relatives)

Variables	n=120
Age (Mean±SD)	43.88 ±10.9
Female	45.8±11.1
Male	41.97±10.5
Gender n (%)	
Female	48 (40)
Male	72 (60)
Marital status n (%)	
Married	94 (78.3)
Single	21 (17.5)
Divorced	3 (2.5)
Widow	4 (1.7)
Education n (%)	
Primary school	33 (27.5)
High school	32 (26.7)
University	54 (45)
Illiterate	1 (0.8)
Degree of Kinship n (%)	
Spouse	12 (10)
Child	83 (69.2)
Relative	20 (16.6)
Sibling	5 (4.2)
Profession n (%)	
Private employee	53 (44.2)
Civil servant	18 (15)
Retired	14 (11.6)
Unemployed	20 (16.7)
Student	15 (12.5)

Abbreviations: SD, Standart deviation

TABLE 4: Comparison of the first and second HADS survey results of participants

Variables	Participants		p
	First survey n = 120	Second survey n = 120	
HADS (Mean±SD)	20.35±9.6	19.7±10.9	0.572
HADS-A score (Mean±SD)	10.28±5.5	10.41±5.9	0.974
0-10 n(%)	65 (54.2)	64 (53.3)	0.678
11-15 n(%)	33 (27.5)	29 (24.2)	
16-21 n(%)	22 (18.3)	27 (22.5)	
HADS-D score (Mean±SD)	10.07±4.7	9.51±5.4	0.190
0-7 n(%)	39 (32.5)	45 (37.5)	0.228
8-10 n(%)	32 (26.7)	21 (17.5)	
11-21 n,(%)	49 (40.8)	54 (45)	

Abbreviations: HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation

TABLE 5: Comparison of HADS results of participants according to PCR results

Variables	PCR		P
	Positive n =60	Negative n =60	
HADS (first survey) score (Mean±SD)	21.23±10.2	19.47±8.9	0.315
HADS-A (first survey) score (Mean±SD)	11.05±5.7	9.52±5.2	0.126
0-10 (n) %	29 (48.3)	36 (60)	0.298
11-15 (n) %	17 (28.3)	16 (26.7)	
16-21 (n) %	14 (23.3)	8 (13.3)	
HADS-D (first survey) score (Mean±SD)	10.18±5.1	9.95±4.3	0.786
0-7 (n) %	18 (30)	21 (35)	0.813
8-11 (n) %	16 (26.7)	16 (26.7)	
≥11 (n) %	26(43.3)	23 (38.3)	
HADS (second survey) score (Mean±SD)	23.07±11.4	16.77±9.4	0.001
HADS-A (second survey) score (Mean±SD)	12.33±6.2	8.48±5.1	<0.001
0-10 (n) %	20(33.3)	44 (73.3)	<0.001
11-15 (n) %	20(33.3)	9 (15)	
16-21 (n) %	20(33.3)	7 (11.7)	
HADS-D (second survey) score (Mean±SD)	10.73±5.7	8.28±4.7	0.012
0-7 (n) %	17 (28.3)	28 (46.7)	0.034
8-11 (n) %	9 (15)	12 (20)	
≥11 (n) %	34 (56.7)	20 (33.3)	

Abbreviations: PCR, polymerase chain reaction; HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation,

TABLE 6: Comparison of HADS results of the participants according to gender

Variables	Gender		P
	Female n = 48	Male n = 72	
HADS (first survey) score (Mean±SD)	22.77± 9.5	18.74 ± 9.4	0.014
HADS-A (first survey) score (Mean±SD)	11.48±5.3	9.49±5.5	0.046
0-10 (n) %	18 (37.5)	47 (65.3)	0.006
11-15 (n) %	20 (41.7)	13 (18.1)	
16-21 (n) %	10 (20.8)	12 (16.7)	
HADS-D (first survey) score (Mean±SD)	11.29±4.7	9.25±4.5	0.009
0-7 (n) %	9 (18.8)	30 (41.7)	0.017
8-11 (n) %	13 (27.1)	19 (26.4)	
≥11 (n) %	26 (54.2)	23 (31.9)	
HADS (second survey) score (Mean±SD)	21.87±11.6	18.61±10.2	0.133
HADS-A (second survey) score (Mean±SD)	11.19±6.5	9.89±5.6	0.308
0-10 (n) %	25 (52.1)	39 (54.2)	0.276
11-15 (n) %	9 (18.8)	20 (27.8)	
16-21 (n) %	14 (29.2)	13 (18.1)	
HADS-D (second survey) score (Mean±SD)	10.69±5.5	8.72±5.2	0.049
0-7 (n) %	16 (33.3)	29 (40.3)	0.222
8-11 (n) %	6 (12.5)	15 (20.8)	
≥11 (n) %	26 (54.2)	28 (38.9)	

Abbreviations: HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation,

TABLE 7. Comparison of the HADS results of the participants according to degree of kinship

Variables	Degree of kinship				
	Spouse n=12	Child n=83	Relative n=20	Sibling n=5	P
HADS (first survey) score (Mean±SD)	27.17±10.43	20.11±9.1	18.2±10.7	16.6±5.4	0.05
HADS-A (first survey) score (Mean±SD)	13.67±5.3	10.22± 5.4	9.35±5.8	7±3.1	0.020
0-10 (n) %	3 (25)	45 (54.2)	13 (65)	4 (80)	0.336
11-15 (n) %	5 (41.7)	23 (27.7)	4 (20)	1 (20)	
16-21 (n) %	4 (33,3)	15 (18,1)	3 (15)	0	
HADS-D (first survey) score (Mean±SD)	13.5±5.4	9.89±4.4	8.85±5.2	9.6±3.1	0.157
0-7 (n) %	1 (8.3)	28 (33.7)	9 (45)	1 (20)	0.382
8-11 (n) %	4 (33.3)	20 (34.1)	6 (30)	2 (40)	
≥11 (n) %	7 (58.3)	35 (42.2)	5 (25)	2 (40)	
HADS (second survey) score (Mean±SD)	23.08±11.6	19.37±10.5	20±12	21±13.3	0.750
HADS-A (second survey) score (Mean±SD)	12.33±6.9	10.17±5.8	10.3±6.4	10.2±6.8	0.572
0-10 (n) %	4 (33.3)	47 (56.6)	10 (50)	3 (60)	0.867
11-15 (n) %	4 (33.3)	19 (22.9)	5 (25)	1 (20)	
16-21 (n) %	4 (33.3)	17 (20.5)	5 (25)	1 (20)	
HADS-D (second survey) score (Mean±SD)	10.75±5	9.2±5.3	9.7±5.9	10.8±6.6	0.986
0-7 (n) %	3 (25)	34 (41)	6 (30)	2 (40)	0.537
8-11 (n) %	1 (8.3)	13 (15.7)	6 (30)	1 (20)	
≥11 (n) %	8 (66.7)	36 (43.4)	8 (40)	2 (40)	

Abbreviations: PCR, polymerase chain reaction; HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation

TABLE 8. Comparison of the HADS results of the participants according to APACHE-II scores

Variables	APACHE-II score		p
	≤20 n=83	≥21 n=37	
HADS (first survey) score (Mean±SD)	20.41± 9.9	20.22 ± 9.1	0.919
HADS-A (first survey) score (Mean±SD)	10.34 ± 5.8	10.16 ± 4.8	0.873
0-10 n,(%)	42 (50.6)	23 (62.2)	0.471
11-15 n,(%)	24 (28.9)	9 (24.3)	
16-21 n,(%)	17 (20.5)	5 (13.5)	
HADS-D (first survey) score (Mean±SD)	10.07± 4.7	10.05±4.7	0.984
0-7 n,(%)	27 (32.5)	12 (32.4)	0.307
8-10 n,(%)	19 (22.9)	13 (35.1)	
11-21 n,(%)	37 (44.6)	12 (32.4)	
HADS (second survey) score (Mean±SD)	18.63±10.9	22.81±10.4	0.051
HADS-A (second survey) score (Mean±SD)	9.78±6.1	11.81±5.5	0.087
0-10 n,(%)	48 (57.8)	16 (43.2)	0.186
11-15 (n) %	20 (24.1)	9 (24.3)	
16-21 (n) %	15 (18.1)	12 (32.4)	
HADS-D (second survey) score (Mean±SD)	8.84±5.3	11±5.2	0.042
0-7 n,(%)	36 (43.4)	9 (24.3)	0.124
8-11 n,(%)	14 (16.9)	7 (18.9)	
11-21 n,(%)	33 (39.8)	21 (56.8)	

Abbreviations: APACHE-II Score, Acute Physiology and Chronic Health Evaluation II Score; HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation, P values written in bold show statistically significance

TABLE 9. Comparison of the HADS results of the participants according to age of patients

Variables	Ages of patients			P
	18-65 n= 27	66-80 n= 20	81-99 n= 13	
HADS (first survey) score (Mean±SD)	21.48±9.7	20.87±10.2	18.62±8.9	0.358
HADS-A (first survey) score (Mean±SD)	10.91±5.4	10.36±5.9	9.54±5.2	0.476
0-10 (n) %	21 (50)	21 (53.8)	23 (59)	0.793
11-15 (n) %	14 (33.3)	11 (28.2)	8 (20.5)	
16-21 (n) %	7 (16.7)	7 (17.9)	8 (20.5)	
HADS-D (first survey) score (Mean±SD)	10.57±4.9	10.51±5	9.08±3.9	0.299
0-7 (n) %	12 (28.6)	10(25.6)	17 (43.6)	0.377
8-11 (n) %	10 (23.8)	13 (33.3)	9 (23.1)	
≥11 (n) %	20 (47.6)	16 (41)	13 (33.3)	
HADS (second survey) score (Mean±SD)	21.17±10.7	20.54±11.2	17.95±10.7	0.294
HADS-A (second survey) score (Mean±SD)	11.21±6.2	10.67±5.9	9.28±5.8	0.291
0-10 (n) %	18 (42.9)	20 (51.3)	26 (66.7)	0.202
11-15 (n) %	14 (33.3)	8 (20.5)	7 (17.9)	
16-21 (n) %	10(23.8)	11 (28.2)	6 (15.4)	
HADS-D (second survey) score (Mean±SD)	9.95±5.1	9.87±5.7	8.67±5.4	0.363
0-7 (n) %	13 (31)	14 (35.9)	18 (46.2)	0.278
8-11 (n) %	6 (14.3)	6 (15.4)	9 (23.1)	
≥11 (n) %	23 (54.8)	19 (48.7)	12 (30.8)	

Abbreviations: HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation

TABLE 10. Comparison of the HADS results of the participants according to level of education

Variables	Level of education of participants				P
	Primary school n=33	High school n=32	University n=54	Illeterate n=1	
HADS (first survey) score (Mean±SD)	21.12±10.1	22.47±9.3	18.7±9.4	16	0.621
HADS-A (first survey) score (Mean±SD)	10.52±6.1	11.44±5	9.54±5.4	6	0.471
0-10 (n) %	17 (51.5)	12 (37.5)	35 (64.8)	1 (100)	0.316
11-15 (n) %	10 (30.3)	12 (37.5)	11 (20.4)	0	
16-21 (n) %	6 (18.2)	8 (25)	8 (14.8)	0	
HADS-D (first survey) score (Mean±SD)	10.61±4.6	11.03±5	9.17±4.5	10	0.898
0-7 (n) %	9 (27.3)	8 (25)	22 (40.7)	0	0.309
8-11 (n) %	8 (24.2)	8 (25)	15 (27.8)	1 (100)	
≥11 (n) %	16 (48.5)	16 (50)	17 (31.5)	0	
HADS (second survey) score (Mean±SD)	19.12±11.8	23.41±11.5	18.44±9.7	14	0.672
HADS-A (second survey) score (Mean±SD)	9.69±6.6	12.69±6.1	9.61±5.3	0	0.400
0-10 (n) %	18 (54.5)	11 (34.4)	34 (63)	1 (100)	0.179
11-15 (n) %	8 (24.2)	9 (28.1)	12 (22.2)	0	
16-21 (n) %	7 (21.2)	12 (37.5)	8 (14.8)	0	
HADS-D (second survey) score (Mean±SD)	9.42±5.6	10.72±5.8	8.83±4.9	0	0.920
0-7 (n) %	13 (39.4)	10 (31.3)	22 (40.7)	0	0.388
8-11 (n) %	4 (12.1)	6 (18.8)	10 (18.5)	1 (100)	
≥11 (n) %	16 (48.5)	16 (50)	22 (40.7)	0	

Abbreviations: HADS, Hospital anxiety depression scale; HADS-A; Hospital anxiety depression scale-Anxiety score; HADS-D, Hospital anxiety and depression scale-Depression score; SD, Standart deviation

TABLE 11. Logistic regression analysis results determining independent risk factors for anxiety

Variable	B (coefficient)	SE	Assurance Interval	Odds Ratio	p
Constant	4.486	0.991		88.789	0.000
Gender of participant	-1.601	0.489	0.077-0.526	0.202	0.001
Question 1	-0.908	0.327	0.212-0.766	0.403	0.006
Question 2	-0.164	0.209	0.563-1.279	0.849	0.432
Question 3	-0.015	0.351	0.495-1.960	0.985	0.966
Question 4	-0.142	0.277	0.504-1.493	0.867	0.607
Question 5	-0.473	0.307	0.341-1.137	0.623	0.123
Question 6	-0.144	0.242	0.539-1.391	0.866	0.551
R2: 0.316 (Cox-Snell), R2: 0.422 (Nagelkerke) Model Chi square: 45.495 p=0.000					

AUC:0.746

TABLE 12. Logistic regression analysis results determining independent risk factors for depression

Variable	B (coefficient)	SE	Assurance Interval	Odds Ratio	p
Constant	1.853	0.641		6.382	0.004
Gender of participant	-1.213	0.487	0.114-0.772	0.297	0.013
Question 1	-0.101	0.289	0.513-1.594	0.904	0.727
Question 2	-0.011	0.227	0.648-1.578	1.011	0.962
Question 3	-0.722	0.319	0.260-0.907	0.486	0.023
Question 4	-0.091	0.287	0.624-1.960	1.095	0.752
Question 5	-0.095	0.299	0.506-1.635	0.909	0.751
Question 6	-0.297	0.250	0.455-1.213	0.743	0.235
R2: 0.200 (Cox-Snell), R2: 0.280 (Nagelkerke) Model Chi square: 26.852 p=0.000					

AUC:0.746