



PSYCHOLOGICAL TENSION BY THE CORONA VIRUS PANDEMIC AT FUTSAL TEAM PLAYERS BASRAH UNIVERSITY

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Article history:	Abstract:
Received 17 th August 2022 Accepted: 17 th September 2022 Published: 23 rd October 2022	The psychological tension under the Corona virus is one of the problems that swept mental health of the futsal players as a result of the university sports competitions because of the outbreak of Corona virus, most athletes face this problem because of the lack of balance between what they realize and what is required of them, and it is clear from the construction of a scale Psychological tension caused by the Corona Virus Pandemic

Keywords: psychological tension; Virus Corona; futsal.

1 - DEFINITION OF RESEARCH:

1-1 Introduction to research and importance:

Individuals live in an environment where emotional feelings are associated with complications in all fields and because of the individual's psychological pressures, this situation will be accompanied by behaviors and psychological disorders, in which the individual may face difficulties that threaten his life, health or future, the complexities cause psychological tension.

The psychological tension under the corona virus is one of the most important problems that sweeping mental health for sports players in general and player's sports teams' futsal in university colleges, social isolation and psychological tension is a normal response to the situation they live and follow the news. "Psychological tension is one of the most important problems facing most of the athletes. When there is a clear balance between what athletic realizes it is required in the environment, and what is realized for its preparations and capabilities" (Kamel Ratib : 2007). The university sports competitions and the result of quarantine measures imposed to reduce the outbreak of Corona virus, pentagonal players may infect depression, loss and concern for the importance of these sports competitions. "The individuals respond to their academic situations, This feeling is often accompanied by depression and lack of interest" (Khaled Ibrahim : 2013). It is presented by the importance of research through the construction of a psychological tension scale caused by the Virus Corona pandemic, contributing or assists in identifying the level of this psychological variable for pentagonal teams at the University of Basra, to help student officials to stand on an important aspect of psychological health To access the players to higher levels.

1- 2 Research problem:

Student Sports Activity is one of the Important Student Activities in Building a University. Due to the Concern and Fear Of Corona Epidemic Leaves Psychology, Psychology, A Sense of Health Insulation And Sports Activities Caused By Corona Virus. Which May Cause Them Psychology, Psychology,(English & d, A.C: 2009) Concern and Psychology Lack of Psychology Response To What News Live In The Face of Social Embargo and Get Away from Sports Stadiums. From Us AS A Scientists Find A Scientific Solution To See What Need To Support Mental Health..

1-3 Research objectives:

1. Build and apply the psychological tension scale caused by the Corona virus pandemic at the fields of college sections of the futsal Team at Basra University.
2. Put the grades and standard levels of the psychological tension scale caused by the Corona virus pandemic at the players of college sections of the futsal Team at Basra University.
3. Identify the level of psychological tension caused by the Corona virus pandemic in the fields of college sections of the futsal Team in Basra University

1-4 Research fields:

- 1-4-1 Human field: College sections of the futsal Team at the University of Basra for the academic year 2021/2022
- 1-4-2 Time field: 1/8/2021 - 1/12/2021.
- 1-4-3 spatial area: Basra University stadiums.

2 - RESEARCH APPROACH AND FIELD PROCEDURES:

2-1 Research curriculum;

The researcher used the descriptive approach to the facilitator of the research problem and its objectives. It describes the features and characteristics of society or phenomenon (Fayez Jumal & others : 2010)

2-2 Sample OF Research:

The research sample was selected in the random way, and the sample has been divided into Sample construction of the scale, researchers distributed (500) form for the scale on futsal teams participating in the circles of the faculties of Basra University faculties. They were selected to build the scale, and (470) has been answered for the scale and neglected (30) form, not completed the answer to all scale paragraphs or there is more signal to one paragraph. Sample application and researchers distributed (220) form for scale and has answered (200) form for scale and neglected (20) form, and not to complete the answer to all scale paragraphs. Sample exploratory experience (30) players from the Faculty of Engineering University of Basra, and Table (1) shows the distribution of sample research.

**Table (1)
Sample of research and distribution**

Type of sample	Number	Number of sample	Number students excluded
Sample construction	500	470	30
Sample application	220	200	20
The exploratory experience	30	30	-

2 - 3 Means collection and data

- Personal interviews
- Arab and foreign sources.
- International Information Network (Internet).
- The questionnaire

2-4 Field research procedures:

2-4-1 Procedures for building scale: (Sawsan Shaker : 2014)

2-4-1-1 Preparation of the initial formula for the scale

For the purpose of selecting the paragraphs in the construction of a measure that requires relevant literature and sources of relevant, as well as the correct foundations in the formulation of these paragraphs, such as one meaning and move away from negative negation, researchers have been able to formulate (40) paragraph.

2-4-1-2 Presentation of the initial version of the scale on arbitrators

The researcher presented the initial formula on a group of experts from experts and jurisdiction, in the field of psychology, sports psychology, tests and measurement, so as to ensure the validity of the scale and use the researchers test the cay square (x^2) to analyze the opinions of the statistic experts and in the light of experts have been deleted some paragraphs For its lack of validity, 26 (paragraph) has supported the majority of experts on its validity, and (14) paragraph, as shown in table 2.

Table (2)

The views of the experts and the Cay square (X^2) values for consensus and non-approval in the Paragraphs of the scale

Paragraphs	approval	Percentage	non-approval	Percentage	cay square (X^2)	Calculated statistical
32, 28	15	94%	1	% 6	12, 25	MORAL
10, 16, 18, 38	14	88%	2	% 12	9	MORAL
11, 12, 15, 17, 2, 3, 5, 6, 7, 9, 30, 29, 27, 21, 22, 23, 24, 37, 31, 33	13	81%	3	% 19	6, 25	MORAL
39, 20, 4,	11	71%	5	% 29	2, 57	MORAL
35, 34, 26, 25, 19, 14, 13, 8, 1, 40, 36,	10	63%	6	% 37	1	MORAL

Value of Cay square (x^2)= 3.84 - Freedom = 1 - Level of Limit = 0.05

2-4-2 Preparation of scale instructions:

Help and how to answer the paragraphs of the scale, and the instructions also included an example of how to answer the paragraphs of each scale

2-4-3 Constitutional experience:

In order to ensure the clarity and clarity of the scale and clarity of its paragraphs for players. The researcher applying the scale, on a reconnaissance sample of (30) players from the Department of Calculator Engineering and the Department of Oil Engineering at the Faculty of Engineering University of Basra.

2-5 the main experience

The researcher applying the scale (Mayer & Brown; 2002) "on the construction sample' (470) players in the divisions of the faculties of Basra University futsal players , for the purpose of analyzing paragraphs statistically, and the validity of them, and the exclusion of an unprecedented, and the scale has been applied to the construction sample on 3/10/2021

2-5-1 Analysis of paragraphs statistically:

This is the "process related to the survey of statistical characteristics of examiners for each paragraph of measurement tools" (Mousa Mohamed : 2013) and has made statistical analysis in two ways.

2-5-1-1 calculate the coefficient of the paragraphs of the scale:

The scale was corrected and the calculation of the overall class of grades obtained by laboratory per paragraph, and arrange the college grades obtained by the top class for at least, and the total grades were also divided into two groups so that each of which includes 27% of the number of grades One of which has received the highest scores and the second individuals who received the lowest grades, and after the researchers have received two high and international groups. "(T-test) for two independent appointments by the statistical bag of social sciences (SPSS) Promised the statistical" (Hugh, M :1999) function indicated to distinguish paragraphs and schedule (3) shows the results of the test of all paragraphs.

**Table (3)
The calculated (T) and described value of the discriminatory force shows**

Paragraph Number	T Calculated	Paragraph Number	T Calculated	Paragraph Number	T Calculated	Paragraph Number	T Calculated
1	1.517*	8	5.277	15	10.230	22	7.167
2	8.131	9	6.967	16	8.921	23	1.176 *
3	8.155	10	5.217	17	6.837	24	3.171
4	0.925 *	11	7.693	18	8.921	25	6.694
5	5.223	12	7.627	19	1.618 *	26	5.277
6	8.176	13	11.746	20	312.12		
7	8.241	14	4.989	21	4.951		

(T) table value at freedom (252) and indication (0.05) and (1.96)

(3) Paragraphs for lack of statistical and paragraph (Fayez Jumal & others : 23) were rejected from total (26) paragraph and retaining 23 paragraph for the scale because they have an indication of discrimination.

2-5-1-2 internal consistency of the scale

Pearson's link coefficients have been used between each paragraph and the total scale degree for all samples (470). (0.580), thus deleted paragraph (19) of the scale, table (4) shows.

Table (4)

The correlation coefficient shows the paragraph and the total degree of psychological tension scale caused by the Corona virus (Internal consistency)

Paragra ph	(R) Significan ce	(T) Significan ce TO (R)	Paragra ph	(R) Significan ce	(T) Significan ce TO (R)	Paragra ph	(R) Significan ce	(T) Significan ce TO (R)
1	0.365	7.939	9	0.365	7.939	17	0.217	4.50
2	0.580	14.41	10	0.416	9.265	18	0.574	11.47
3	0.385	8.44	11	0.236	4.917	19	0.091	*1.85
4	0.258	5.407	12	0.285	5.46	20	0.323	6.91
5	0.438	8.57	13	0.293	6.206	21	0.265	5.56
6	0.315	6,16	14	0.480	9.61	22	0.304	6.46
7	0.349	7.54	15	0.215	3.90	23	0.236	4.9175
8	0.416	9.265	16	0.236	4.917			

* The tendency value is at a degree of freedom (468) and an indication level (0.5) (1,96)

2-6 Scientific foundations:

2-6-1 Honesty

The test ratios refers to the "extent of testing or measurement in measuring what is placed for" (Sami Mohamed : 2000).

1. Believe content:

It is a "degree that includes the test and vocabulary of article is subject to measurement and approximation of quantum and target" (Ibrahim Ahmed: 2000) and this type of honesty has been achieved, especially the virtual honesty of it when the assessment is presented to a group of experts and specialists, to recognize the validation of paragraphs Its areas and the extent to which the paragraphs for their dominance.

2 - Sincerity of construction:

The degree of testing capacity is intended to measure or a feature designed to measure "(Mousa Mohamed : 2013) and researchers have achieved the sincerity of construction in the scale in two ways:

First: - The two groups

This was achieved when the discretionary force was calculated, using the two terminal groups and was depending on which the paragraphs were retained because they had good and acceptable education.

Second: - Relationship of each paragraph in the classroom

Another method used by researchers to verify the sincerity of the compulsive configuration through the correlation transactions of each paragraph in the classroom.

2-6-2 Stability

The "precision, resolution or coherence or consistency that measures the test or gauge phenomenon is placed for" (Mohamed Hassan : 2000), stability has been calculated in two ways:

A- Retail half:

This method is one of the most common stability methods as a one-time applied, and the researchers have adopted the 470 construction sample forms (22) paragraph 22, to calculate the stability coefficient in this way and used researchers in that SPSS statistical bag. The link between these two parties was accompanied by the scale (0.636), and this describes the stability of half the test so (Cypron-Brown coefficient) was used to find stability factor for testing as a whole, and the stability of 0.776 is a good index.

B- kronbach alfa coefficient:

"This factor is used to ensure the validity of the scale. It measures the extent of consistency and consistency in responding to all the scale questions, and the extent to which a question is measured and reduces the high value of the correlation coefficient in the gauge (Fayez Jumal & others: 2010). Alpha researchers adopted the sample data for 470 players, as the statistical bag of social science (SPSS) has been used, and the value of the (Kronbach coefficient) in the gauge (0.786), a higher value of "accepted static plants" (0.60) and above "(Fayez Jumal & others : 2010).

2-7 Skewness coefficient:

To learn how near and after the sample answers from the natural distribution, the researchers calculated the coefficient The Pearson in a measurement of the twisting of the following equation and schedule (5) builds.

$$\text{Skewness} = \frac{3(\text{Arithmetic mean} - \text{med})}{\text{Standard deviation}}$$

Table (5)

The arithmetic medium, standard deviation, mediator and torsion coefficients are built

Calculated statistical	Arithmetic mean	standard deviation	MED	SKE
VALUE	64.32	19.67	60.17	0.63

2-8 Standard levels of scale:

Levels are standard criteria representing the objective or purpose to be achieved for any status or property. "The researchers have chosen to be there (5) levels of scale and divided (6) standard grades on (5) levels, so that each level (1.2) units, which meet (12) degrees are corrected.

Table (6)

Categories, standard levels and standard grades are shown as well as percentages for each level of a Measure

Categories	Levels	Standard degree	Standard correct degree	Member	Percentage
92 - 110	Very high	1,81- 3	68,1 - 80	29	%6.17
75 - 91	high	0,61- 1,8	56,1 - 68	121	%25.74
58 - 74	Medium	0,61- 0,6	44,1 - 56	212	%45.10
41 -57	week	1,81- 0,6-	32,1 - 44	87	%18.51
22 -40	Very week	3 - 1,8-	20 - 32	21	%4.46

2-9 the final application of the scale

The scale became ready for the application after all the measurement procedures had been completed.

2-10 Statistical means:

The researchers using the SPSS statistical program.

- Arithmetic mean
- standard deviation
- Cay square
- Cyber man coefficient
- Alpha Kronbach coefficient
- Standard Degree
- Modified standard
- (T) to denote differences
- Planting coefficient

3 - VIEW AND DISCUSSION RESULTS AND DISCUSS THEM

3-1 View the arithmetic and standard deviation of psychological tension scale caused by the Corona Virus Pandemic for Application Sample:

Table (7)

The arithmetic mean and the standard deviation of the psychological tension scale caused by the Corona virus pandemic

scale	Arithmetic mean	standard deviation	level
the psychological tension scale caused by the Corona virus pandemic	66.54	20.15	Medium

Table (7) shows the arithmetic medium and standard deviation after applying the scale and notes that the sample has achieved a middle of (66.54) and a standard rate of (20.15) and after comparing this middle table for "levels note at a medium level" (Mustafa Fahmy :1986) .

3-1-1 View and discussion of scale results.

Table (8)

The psychological scale levels resulting from the Corona virus and the percentage

Categories	Levels	Member	Percentage
92 - 110	Very high	5	%2.5
75 - 91	high	55	%27.5
58 - 74	Medium	95	%47.5
41 -57	week	38	%19
22 -40	Very week	7	%3.5

From table (8) which represents the levels of the scale after the researcher placed the scale in the sections of the soccer Teams in the departments of the faculties of the University of Basra, the researchers received several levels, with a very high level of (110-92) and a high level of (91) - 75) and average level between (74 - 58) and a weak level between (57-41) and a very weak level between (40-22) and the percentage of the levels of the scale, with a very high level players (5) and a percentage Celsius (2.5%), which occurred at high level (55) and a percentage (27.5%), or who received a medium level (95) and a percentage (47.5%), who received a weak level (38) And the percentage of (19%), who received a very weak level (7) and a percentage (3.5%) of the total.

The researcher believe that the presence of some players (very high and high) in (Mohammed Khaled; 2002) " the psychological tension scale " caused by the Virus Corona pandemic in the sections of the Football teams in the faculties of the University of Basra, causing the feeling of players frustrated by the outbreak of Corona virus, which has seen their mixing stadiums and continued exercises After the cessation of university sports activities, the confusion of the virus Corona may cause them to be some of the psychological tension. To change the pattern of their lifestyle filled with all this sense of isolation due to the isolation due to healthy urban, that "the individual who suffers from fear will suffer from sadness, anger and isolation", (Iman Mohamed : 2013).

The researcher attribute the cause of the players at the level (average) in the psychological tension measure caused by the Virus Corona pandemic in the sections of Basra University faculties, because some players feel at some time when they face positions such as(Musa Subhi :2007)" sports activities that exposure to Virus Corona in the game feels worried and disturbed during the outbreak of Virus Corona", so some find sports interviews and their psychological condition is unstable despite the descent of Virus Corona injuries, it is the requirements for maintaining the technical level to continue training so the player is feared The university sports activities, so they feel necessary to

stay at home, and here shows the frequency to participate in sports activities even after falling injury statistics in Virus Corona, the players thought of the descent due to their confusion and exempt from undergraduate sports activities. "There are environmental conditions representing a source To tense in sports, some environmental events lead to negative ideas" (Kamel Ratib : 2007).

The researcher see the cause of the players at the two levels (weak and very weak) at the psychological tension measure caused by the Virus Corona pandemic in the sections of the Football teams in the faculties of the University of Basra, because they feel controlled by psychological tension and not surrender to frustration on the cessation of sports activities due to entry Virus Corona in the country and they have to return to the exercises after the demise of the pandemic, and this is a positive psychological index, "The individual is usually to overcome the obstacles to direct mechanisms such as increasing the effort and changing the method of overcome obstacles and change the goal to more realistic goal" (Iman Mohamed : 2013), players are optimistic and conflicting, and they will be the best of their cases at their reaction to their sports activities.

4- CONCLUSIONS AND RECOMMENDATIONS:

4-1 conclusions

1. The current measure is able to measure the level of psychological tension caused by the Virus Corona pandemic at the Pentagram- futsal Team in the departments of the faculties of Basra University.
2. Pentagram- futsal Team in the departments of the faculties of the University of Basra at the psychological tension measure of the Corona virus are an average level.
3. The research sample was distributed at five levels of psychological tension scale caused by the Virus Corona pandemic in the sections of the futsal Team in the Faculty of Faculties..

4.2. Recommendations

- 1 - The players will increase hope and skip the crisis with optimism and return sports activities.
2. The need for sports officials in colleges at the mental health level in their players in sports teams with the effects of sports activities because of the pandemic, emphasis, concern, fear, boredom and psychological promotion and psychological convenience, safe and assistance to achieve better sports levels.

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Appendix (1) psychological tension caused by Corona virus

No	Paragraphs	Always	often	sometimes	rarely	ever
1	My feeling of insecurity makes me close to the game that is presented to the infection of Corona					
2	I feel comfortable in pentagonal football					

	matches despite Corona's injuries					
3	I feel disturbed in five football matches despite the descent of Corona virus injuries					
4	Sports meetings disintegrated during virus Corona outbreak					
5	Whenever I thought about the infection of Corona, the more confused					
6	I feel like I am in the best in the game despite the entry of Corona virus in my country					
7	I feel my ability to continue the game to the infection of Corona					
8	It can cause me something narrow when I have to avoid mixing with my organs					
9	I can control the tension on the cessation of sports activities.					
10	I suffer from frustration because of the outbreak of the new Corona virus, which I swept from					
11	My feeling of insecurity makes me talk to the Corona virus					
12	My psychological status is unstable because of the ideas of my tribute to attend health					
13	Its nerves to stop undergraduate sports activities					
14	I feel psychological stress due to changing my very active life style to isolation					
15	I feel psychological stress as a result of changing my active lifestyle to boredom					
16	Cancel all university tournaments due to Corona virus caused me frustration					
17	I feared landing athletes after the cessation of university sports activities					
18	I feel reassured and return to exercises despite the outbreak of the new Corona virus					
19	mind is busy to stop undergraduate sports activities because of Corona virus injuries at the university					
20	I feared landing athletes after the cessation of university sports activities					

21	I have to participate in sports activities even after falling injury statistics in Virus Corona					
22	I find it difficult to stay at home without being with my colleagues in a sports game					