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APPLICATION OF SPORT AND PHYSICAL EDUCATION IN THE PERIOD OF PANDEMIC COVID-19 FROM THE POINT OF VIEW OF TEACHERS

Guezguouz Mohamed[1], Bensemicha Laid[1], Mokrani Djamel[2]

[1]University Center of el- Bayadh, Algeria
[2]Laboratory of Programs Optimization in APS, Institute of Physical Education and Sports, University of Mostaganem, Algeria

Summary: The study aimed to identify the physical education and sports classes implementation in the light of the Corona pandemic, as seen by the teachers. To this end, the researchers used the descriptive approach based on the survey method. The sample included (60) teachers from high schools in the Wilaya of El Bayadh, chosen at random. The results of the study showed that the teachers experienced to a more than average degree, difficulties with the administrative organization, and moderate difficulties during the practice of the lesson of physical education and sports, and therefore the researchers recommended in this regard, the provision of national educational establishments with the material necessary for comprehensive prevention, as well as the need for mutual assistance between the administrative team and teachers.

Keywords: physical education and sports lessons - Corona pandemic.

Introduction

In the light of the current worldwide spread of the Corona pandemic (Covid-19), classified by the World Health Organization as a rapidly spreading and large-scale pandemic disease having affected the lives of human beings, the methods of dealing with this crisis, all over the world, were various and different from a country to another, what has consequently affected the daily way of life of individuals in society, and needs are no more, the same.

Indeed, the world is currently experiencing a momentous event that threatens the educational system with a great crisis that would be the most severe of our modern times. A crisis that comes on top of the one that is beating full force, the education sector where despite their presence in schools, students are not taught the basic skills they need in everyday life. And since physical education is a process of orienting the physical growth and stature of the human being through physical exercise, health measures and other methods which, like educational means, contribute to the development of psychological, social and moral aspects, the course of physical education and sports being one of the practical aspects of education, also allows the achievement of these objectives, and guarantees the overall and balanced growth of the pupils. In addition, the physical education and sports session meets the physical needs of students according to their age groups, and according to the principle of graduating motor capacities, and gives the brilliants among them, the opportunity to take part in the different aspects of competition within and outside the school. In this way, the physical education and sports session not only covers a time space, but also fulfills the educational objectives set out by the educational policy in terms of the physical and health development of pupils at all levels.

West, Butcher 1990 states that the field of physical education and sport has developed considerably over the past two decades, and that the progress and growth of the profession has not only been in the direction of broad knowledge, but has taken expansive forms in terms of programmes and in terms of the quality of the individuals who benefit from them. He defines Physical Education as an "Integral part of total educational process, is a field of endeavor which has its aim — the development of physically, mentally, emotionally and socially fit citizens through the medium of physical activities which have been selected with a view to realize these outcomes."

One of the most important health measures adopted by educational institutions in Algeria in this regard, is the division of classes into groups of students that are taught on an alternate day basis. A system that makes the reduction of the number of students in a class to 20 students instead of 40, possible, and thus makes easier the physical distancing imposed by the exceptional circumstances linked to the Corona virus pandemic. In addition, vigilance units have been set up in all educational establishments with the aim of generalizing the application of the preventive measures provided for this purpose.

And since any educational or teaching work requires a specific method for its execution, and since that method requires appropriate organizational steps, the shape given to this organization by the teacher, depends on the educational objectives, the content of the lesson, and the level of the pupils. Although flowcharts or compositions are not considered in

themselves as a type of motor activity, they are essential for organizing work and facilitating the teaching process. The physical education and sport lesson is the smallest unit of the educational program, but it carries within it the entire mission of physical education and sport with its multiple objectives that it is incumbent on it to achieve, through the time allocated to each lesson including a complete and balanced education at the end of the program. so, achieving the objective of the lesson is only possible through the use of modern teaching methods which guarantee a saving in time and effort necessary to achieve this great target.

The researchers consider that the physical education and sports session is one of the most important sessions that can have an impact on the students, because of its attractiveness. The physical education and sports teacher is also considered one of the most important educators who can influence the behavior of students and their education. They also believe that the educational process must be efficient because it manifests itself in an activity which brings together the teacher and the pupil, and also emphasizes the importance of the environment, which is favored by the physical education and sports class by creating a fertile atmosphere. As part of our monitoring of the health situation linked to the Corona virus pandemic, and for the sake of the safety of students in the school environment, in particular in the physical and sports education session, we sought to reveal the reality of the application of the lesson of physical education and sports in the light of the Corona pandemic (Covid-19), as seen by teachers of middle and secondary education.

Study methodology and field procedures

1. **The study methodology:** The researchers used the descriptive approach using the survey method.
2. **The study sample:** The research sample, purposely chosen, included (60) teachers of physical education and sports from a number of public secondary schools in the Wilaya of Al-Bayadh, 1st quarter of the school year (2020/2021). A sample of 07 teachers from El Bayadh secondary schools was chosen outside the main experiment, for the pilot experiment.
3. **How to prepare the form:** In order to construct the form, we reviewed references in physical education and sports, teaching methodology, including the books: "Processes and methods of teaching physical education and sports in the educational process analysis element" by Dr. Atallah Ahmed, and "Introduction to the teaching process (analysis of the teaching process)" by Muhammad Al-Dreij, in addition to some other theses and books, as

well as opinions and advice from specialized professors in the field of science education. The axes of the form were collected and modified by the arbitrators who then proceeded to record a number of statements related to the different stages of the teaching process, and submitted them to the assessment of specialized professors with the aim of determining the ways of distributing the said form. We used the five-point Likert scale to analyze and dump the findings as follows (Table 1).

Table 1

The five-points estimated Likert scale (the relative importance index grades) to determine (the teaching performances of secondary school teachers during their teaching under the Corona pandemic).

Likert scale	**Relative importance index**	**General tendency**
Exercised to a very high degree**.**	**<00**RII≤0.20	VERY LOW
Exercised to a high degree**.**	**≥0.21**RII≤0.40	LOW
Moderately exercised	**≥0.41**RII≤0.60	MEDIAN
Exercised to a low degree**.**	**≥0.61**RII≤0.80	HIGH
Exercised to a very low degree**.**	**≥0.81**RII≤1	VERY HIGH

Through the above, we were able to reach the final version of the evaluation form for the three stages of the teaching process of physical education and sports classes.

Table 2

The results of the questionnaire's axes relating to (the pedagogical performance of secondary school teachers during their teaching under the Corona pandemic).

Axis	**Number of statements**	**The meaning of expressions**
The first axis: facilities and assistance provided by the administration**.**	**15** Positive Closed (Direct Answers)	These are closed-ended questions that are answered directly. They highlight the facilitation provided by the administrative staff to assist in the implementation of the session in Corona virus conditions; For example (the administration provides sufficient teaching resources to enable the teacher to apply the health protocol. The school administration applies group work to enable the teacher to apply the health protocol...etc.)
The second axis: the teacher's organizational and pedagogical work**.**	**15** Positive Closed (Direct Answers)	These are closed expressions to which we respond directly. They indicate whether the teacher is doing his daily task well or not. Example: (The teacher has no difficulty in testing sports activities in the light of Covid. The teacher uses sterilized teaching aids in the course ... etc.)
Method of assessing the degrees on the Lekert scale**:** The formulation of the responses was positive**.** The response was rated on the Lekert scale as follows **:** Practised to a very high degree: '5' degrees. Practised to a high degree: '4' degrees. Practised to a moderate degree: '3' degrees. Practised to a low degree: '2' degrees. Practised to a very low degree: '1' degree**.**		

4. **The main experiment and the analysis method:** We distributed the questionnaire to the research sample (secondary school teachers) in their establishments with the help of a working group and some teachers from the same high schools. A maximum of 10 to 12 minutes were given to retrieve the form, as well as the researchers' answers to questions linked to certain sentences appearing in the questionnaire (which was intended for them) ambiguous.
5. **Statistical methods:** - arithmetic mean - standard deviation - percentage - ka 2.

Presentation, analysis and discussion of the results

1. **Presentation and discussion of the results:** To what extent the administration of national education institutions has helped teachers of physical education and sports during the Corona pandemic, as seen by secondary school teachers?

Table 3

Represents the observed frequency, percentages, and Ka-2 for the first axis of the form submitted to secondary school teachers

Answer sorted by degrees	Levels Determination	Observed frequency	Percentage	Expected frequency	Level of signifi-cance	Degree of free-dom	Tabular Ka 2	computed K2
practiced to a very large degree	63 to 75	00	00	12	**0,01**	**04**	**9،21**	125,17
highly practiced	51 to 62	00	00					
practiced moderately	39 to 50	**09**	15,00					
practiced with a slight degree	27 to 38	46	76,67					
practiced to a very small degree	15 to 26	**05**	8,33					
Total axis		**60**	%100					

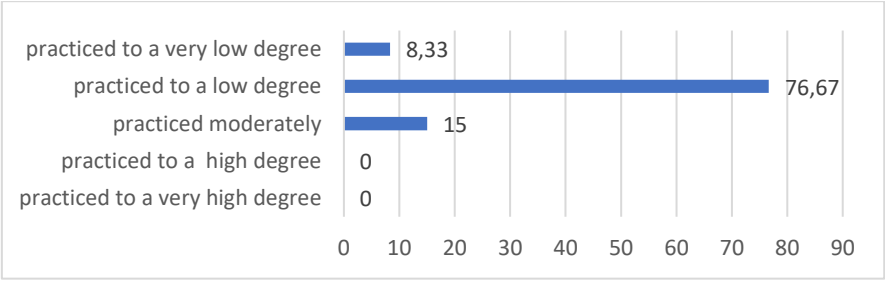


Figure 1

Percentages of the first axis of the form submitted to secondary school teachers.

2. **Presentation and discussion of the results:** Defining the degree of the correct application of the lesson of physical education and sports, in the light of the Corona pandemic, as seen by secondary school teachers.

Table 4

The observed frequencies, percentages, and Ka-2 related to the second axis of the questionnaire submitted to secondary school teachers

Response sorted by degrees	**Level's determination**	**Observed frequency**	**Percentage**	**Expected frequency**	**Level of signifi-cance**	**Degree of freedom**	**Tabular Ka 2**	**computed Ka 2**
Practiced to a very high degree	From63 to 75	05	8,33					
Practiced to a high degree	From51 to 62	23	38,33					
Practiced moderately	From39 to 50	**30**	**50,00**					
Practiced to a low degree	From27 to 38	02	3,33	**12**	**0,01**	**04**	**9،21**	61,50
Practiced to a very low degree	From15 to 26	00	00					
Total axis		**60**	%100					

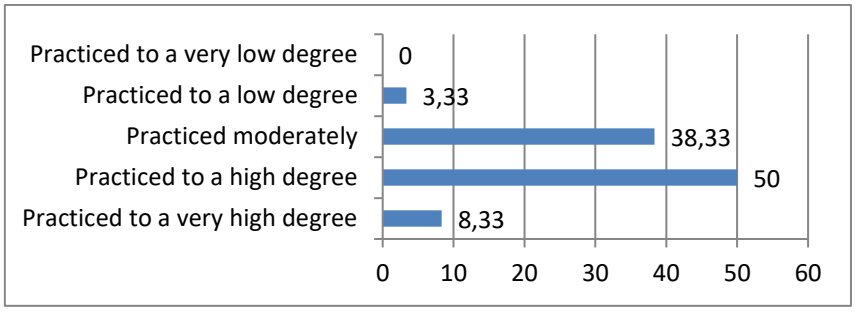


Figure 2

The percentages related to the second axis of the questionnaire submitted to secondary school teachers.

Results

After the dumping of the form addressed to sixty (60) professors from a number of secondary schools in Wilaya of El Bayadh aiming at measuring the extent of the assistance given by the administration of the domestic education institutions to teachers of physical education and sports in light of the Corona pandemic, as seen by secondary school teachers.

The results recorded in the tables and figure above, were as follows: 09 professors answered that they receive aid from the administrative staff for the success of the physical education and sports lesson with a moderate degree, in light of the Corona pandemic, i.e.,

15.00 %. And 46 professors answered that a little degree of assistance was given to them by the administrative staff during Corona pandemic in the success of the physical education and sports lesson by 76.67 %. While 05 teachers answered that they receive a very little degree of assistance from the administrative staff, in the success of the physical education and sports lesson in light of the Corona pandemic by 8,33 %. As for the two dimensions (practiced to a high degree) and (practiced to a very high degree), no answer was given by the teachers. As for the significance of the differences between the answers, the researchers used a k2 good-fit test, where the computed value of k2 was 125.17, i.e., greater than the tabular k2 which was 9.21 at the significance level of 0.01 (99 % confidence level and degree of uncertainty 01 %).

Accordingly, the researchers believe that there are statistically significant differences between the responses of the teachers, in favor of the responses of those who consider that the teachers receive a reduced degree of assistance from the administrative staff for the successful execution of the lesson of physical education and sports, with a rate of 76.67 % which is the highest of all. Thus, we conclude that the teachers of some secondary schools in the Wilaya of Al-Bayadh do not have effective and appropriate assistance and means necessary in the execution of the physical education and sports course, in the light of the Corona pandemic.

On the basis of the results recorded in the tables and the figure above, and after dumping the form addressed to sixty (60) secondary school professors from Wilaya of Al-Bayadh, aiming at measuring and identifying the difficulties that physical education and sports teachers face during the application of the lesson, as seen by the secondary professors, 05 teachers say they apply and practice the lesson of physical education and sports in very good conditions, in the light of the Corona pandemic with a percentage of 8.33 %, and 23 professors answered that they apply the physical education and sports lesson to a high degree, in light of the Corona pandemic, at a rate of 38.33 % . While 30 teachers answered that they are applying the physical education and sports lesson to a moderate degree, in light of the Corona pandemic, by 50.00 %. The last two professors answered to the dimension -a small degree, by 3.33 %. However, no professor has answered to the last dimension. And for the significance of the differences between the answers, the researchers used the good-fit test of Ka 2, where the computed ka2 value was 61.50, which is higher than the tabular ka2, which was 9.21 at the significance level 0.01 (confidence degree 99 % and uncertainty score 01 %). There are statistically significant differences between the answers of the teachers in favor of the answers that say that the teachers apply the physical education and sports course with a medium degree, which is the highest percentage.

In the end, we conclude that the teachers of some secondary schools of Al-Bayadh state are applying the physical education and sports course to a moderate degree in light of the Corona pandemic.

Conclusions

- The administrative staff does not cooperate with the professors of physical education and sports for the good implementation of the lesson in light of the Corona pandemic.
- The administrative staff does not provide the appropriate conditions for physical education and sports professors to properly implement the lesson in light of the Corona pandemic.
- The physical education and sports lesson is being applied at a moderate rate in light of the Corona pandemic.

Recommendations

- The need to provide full protective equipment by the national education institutions.
- The need for cooperation between the administrative team and the physical education and sport teachers (in groups organization, time volume and timetable).
- The need for physical education and sport teachers to make an extra effort for the good running of the class in the light of the Corona pandemic.
- The need for the teacher to choose learning well adapted situations to the health protocol.
- The need for the teacher to organize the groups in the school class to allow students to work while maintaining physical distance.
- The need to choose active methods, and to ensure that the student benefits from them in appropriate health prevention conditions.

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