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The effect of using some educational aids in learning the skill of receiving volleyball transmitters for students of the second stage of the Faculty of Physical Education and Sports Sciences

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ABSTRACT

The aim of the research search out use few instructional resources in knowledge the ability of taking volleyball transmitters for graduates of the second stage, Faculty of Physical Education and Sports Sciences, and to recognize the use of few instructional sexually transmitted disease in knowledge the ability of taking volleyball transmitters for female pupils, the scientist secondhand the exploratory approach accompanying an exploratory group being ultimate appropriate approach to address the research question, the research society was preferred in a deliberate habit, and they are juniors of the second stage, Faculty of Physical Education and Sports Sciences / Diyala University For the school year 2024/2025, their number is (80) pupils detached into two disconnections (i, j), and the research sample was carelessly picked by drawing, and they are graduates of estrangement (j) to show the exploratory group, while the scholars of split (i) were preferred to show the control group, and by (30) scholars each group following in position or time forbidding appendages of the preliminary group, graduates the one abandon, deferred and performers of the academy group, and accordingly the last total of the research sample is (60) pupils the one presented (75%) of the research society. The investigator decided that the use of education sexually transmitted disease in the instructional process considerably touched the education of the abilities examined in the exploratory group, and the rise of a option for the impact of education virus and their influence on the syllabus attended in the communication at the level of act in the ability of taking volleyball transmitters, that the memory of the exploratory group knowledge is a clear sign of the fame of the use of education acquired immune deficiency syndrome in the communication and increase the scholars' thought of the conduct of the ability of taking the transmitter accompanying volleyball, and the investigator approves the need Emphasis on the use of education sexually transmitted disease Skills ambiguous Being more Impact And at various stages of knowledge It is an basic facts of the content of the syllabus, and the need to use way and finishes to help discover added abilities VolleyballAnd stress the able experts and the friendship to support finishes and acquired immune deficiency syndrome to discover additional abilities for individual and crew plot.

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1- Introduction:

Attention to the happening of the instructional system is an indispensable need to solve direct educational consequences taking everything in mind the necessities of the postmodern time. Physical education, with allure differing endeavors, is an essential factor in any institution of higher education, as it donates to implanting behavioral principles and instructional ideas, apart from preparing learners concerning matter, rationally, capably and psychologically. This aims to enable bureaucracy to attain a extreme level of competence and impact, improving their procurement of information and abilities throughout the modules. Volleyball relies thickly on the fundamental of surprise in allure abilities and plans, which demands the use of creative arrangements, exercises and education aids to get the elementary abilities of the game. These methods must be relevant to to the group of same status of learners, allowing for possibility their affect developing their capabilities and reconstructing the influence of their efficiency. It should further pretend honest match environments, be fun and improve the essence of contest, which donates to growing the inspiration of learners. In addition, these procedures allow the instructor to determine next response without the need To stop the exercise, that embellishes the influence of learning and donates to reconstructing the ability depiction of students, the ability of taking transmissions is individual of the fundamental skills in volleyball, as it considerably influences the arrangement of play and building attacks inside the crew. This ability demands good balance, high aggregation, and painstaking arrangement betwixt the eye and the help, that demands the hiring of effective education procedures to help scholars develop and master ruling class. The education sexually transmitted disease used to educate the reception of the broadcast change, and involve ocular aids to a degree vigilant instructional videos, and practical way in the way that led exercises, apart from mini-entertainment that cause embellishing the proficient understanding of the skill. Employing these systems donates to reconstructing the level of undergraduates' performance, and growing their ambition towards education, which indicates definitely on their efficiency in the game. Search question The skill of taking transmissions in volleyball is individual of the fundamental abilities that directly influences the character of the crew's technical accomplishment, as it is deliberate the beginning for construction attacks and organizing play. However, many undergraduates face troubles in learning this ability due to the lack of appropriate instructional plans that pertain their needs and material and skill skills. Despite the chance of many education aids, skilled are questions about their influence in reconstructing the ability of receiving transmissions between pupils, and in consideration of their affect the development of their depiction in a habit that indicates positively on their level in the game. Hence, the question of research stems from recognizing ultimate main educational resources that can influence knowledge and learning the skill of taking transmissions, and in consideration of their affect reconstructing students' depiction in volleyball. The aim of the research search out use few educational wealth in education the ability of taking volleyball transmitters

for students of the second stage, Faculty of Physical Education and Sports Sciences, and to recognize the use of few instructional virus in learning the ability of taking volleyball transmitters for female undergraduates.

2- Research Methodology and Field Procedures:

2.1 Research Methodology

The researcher used the experimental method with experimental and control groups as it is the most appropriate approach to address the research problem.

2.2 Research community and sample.

The research community was chosen in a deliberate way, and they are the students of the second stage, the College of Physical Education and Sports Sciences / Diyala University for the academic year 2024/2025, whose number is (80) students divided into two divisions (i, j), and the research sample was chosen randomly by lottery, and they are students of division (j) to represent the experimental group, while the students of division (i) were chosen to represent the control group, and by (30) students for each group after excluding members of the exploratory group, students who failed, postponed and players of the university team, and thus the final total of the sample Research (60) students represented (75%) of the research community.

2.3 Means of collecting information, devices and tools used in research:

2.3.1 Means of collecting information.

The following methods were used to collect information: scientific observation, personal interviews, questionnaire, information processing scale, and the Internet.

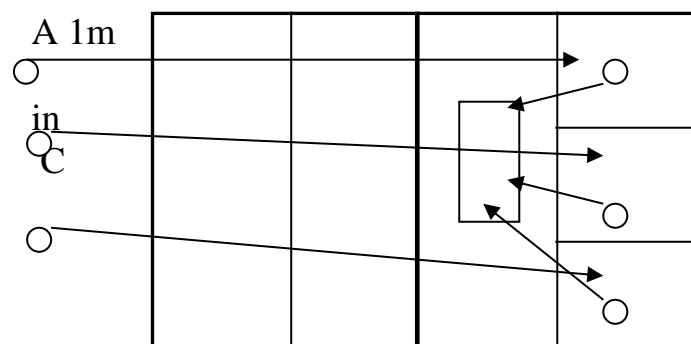
2 - 3 - 2 devices and tools used in the research experience.

Legal volleyball court, legal volleyball (20) size (3), adhesive tape, tape measure, barriers with height (30 cm – 20 cm) number (8), signs (8), cones (8), paints, camera Vazitzgraph made in Japan, a video camera of Chinese origin.

2.4 Field research procedures:

2 - 4 - 1 tests used in the research:

Reception accuracy of transmitter. (Hassanein: 1997: 205)



Performance specifications / The mattress is placed on a box in the center of 3 The tester stands in the 6th position, another player stands in the

place designated for transmission from the second half of the stadium in order to transmit in order for the player to receive the tester, and deliver it to the rank, the tester performs ten attempts from each of the three back positions (1, 6, 5).

Scoring / 4 points for each correct pass in which the ball falls on the mattress.

3 points for each correct pass in which the ball falls so that it touches the boundaries of the rank.

A point for each correct pass in which the ball is picked up within the boundaries of the 3 m area.

2 - 4 - 2 Exploratory experience:

The exploratory experiment was carried out on a sample of four students from outside the basic sample of the research, on 20/10/2024 at 10:30 am, inside the hall of the martyr Dr. Wolhan Hamid, and the experiment aimed to achieve the following:

1. Ensure the suitability of the tests used for the characteristics of the sample members and the ease of their application.
2. Verify the efficiency of the devices and tools used in the research to ensure the accuracy and reliability of the results.
3. Determine the optimal timing for conducting tests, which contributes to organizing the research process effectively.
4. Explore potential constraints and develop strategies to avoid them, to ensure that the basic experiment is carried out smoothly and without errors.
5. Ensure the readiness of the assistant team and their knowledge of the required procedures, to ensure the accuracy of measurements and tests and to document the results efficiently.

2 – 4 – 3 Pre-test:

The researcher conducted the tribal tests for the members of the study sample on 10/27/2024 inside the Martyr Dr. Wolhan Hamid Hall, the tests started at 10:30 am, in the presence of the assistant work team and under the supervision of the researcher, who carefully followed the implementation of the test procedures related to the variables under study. In addition, the researcher conducted the equivalence process among the sample members to ensure a balanced and fair distribution of the effect of experimental variables, which contributes to achieving more accurate and reliable results.

2 - 4 - 4 The main experience:

After completing the implementation of the pre-tests, the researcher began to apply the main experiment using the teaching aids on 10/29/2024 for a period of (5) five weeks and by two educational units per week, and the application of the

experiment was completed on 5/12/2024, and the researcher followed the following vocabulary in implementing the main experiment:

1. The goal of the teaching aids is to learn the skill of receiving transmitters on the field with volleyball.
2. The exercises were applied using teaching aids in the hall of the martyr Dr. Wolhan Hamid.
3. The skill to be learned from the subject teacher was explained in the same way to the experimental and control groups.
4. Gradation from easy to difficult in the use of teaching aids.

2 - 4 - 5 Post-tests:

The researcher conducted the post-tests for the members of the study sample on 8/12/2024 inside the Martyr Dr. Wolhan Hamid Hall, the tests started at 10:30 am, in the presence of the assistant work team and under the supervision of the researcher on the tests of the variables under research, in order to ensure the accuracy of the implementation of procedures and the credibility of the results.

2.5 Statistical means.

Data is processed statistically using the S.P.S.S. program to process the data and extract the results.

3- Presentation, analysis and discussion of results:

3-1 Presentation, analysis and discussion of the results of the pre- and post-tests of the members of the research sample:

Table 1

Shows the results of arithmetic means, standard deviations, standard error, error rate and significance level for individuals for the experimental and control groups

Significance level	Error rate	T value	Standard error	Standard deviation	Arithmetic mean	audition	Skill
Moral	0.000	7.864	0.458	1.132	6.837	Tribal	Experimental
			0.674	1.176	11.245	Post	
Moral	0.001	6.284	0.567	1.085	6.762	Tribal	Adjuster
			0.468	1.165	7.625	Post	

3.2 Discussion of the results:

By studying the table (2The results showed significant differences between the experimental and control groups, and these differences came in favor of the experimental group. This development is attributed to the effectiveness of the teaching aids used in the educational curriculum of the experimental group, as they contributed to raising the level of

learning, motivating students to participate effectively, and enhancing their interest and seriousness during the educational units. This reflected positively on the results of the post-test of this group, where continuous repetition and variety of exercises contributed to improved performance. The use of assistive educational tools has also made learners more focused on the targeted skills, which has helped diversify learning styles and motivate students towards developing their performance to a better level. (Qatami: 1998: 207)", The role of teaching aids is not only to improve the level of learning, but also to promote the free practice of performance, correct errors, and increase the sense of skill to be acquired. Learning using teaching aids contributes to the development of technical performance of skills, as the focus on motor performance enhances the learner's awareness of the educational process.

In this context, Afaf Ahmed (1998) points out that "educational aids and aids contribute significantly to the acquisition, mastery, and stabilization of artistic skill", which emphasizes the importance of employing these aids in the educational process to achieve the best results. (Tawfiq: 1989: 158)", as well as contribute to providing learners with direct motor experiences, as it is one of its most important functions through which sports skills are clearly developed and that the use of these means in the lesson increases the desire to participate and increases the focus of learners' attention and thus attract them in an interesting and enjoyable way.

The understanding of the exact parts of the skill, which helps to discover technical errors that may be committed during learning, especially in the initial stages of learning, this on the one hand, and on the other hand, the difficulty of some of the skills required to be learned relative to the level of learners and mastery requires the existing in the educational process to use and introduce educational means in a way that saves time and effort by the teacher and the learner, as well as that these aids It is based on the involvement of some senses in the learning process, which leads to its consolidation and deepening, and thus helps to find close and solid relationships between what the player has learned and the consequent survival of the impact of learning (Joseph: 1998: 8). The researcher agrees with (Saad Hammad) that "the skills seem easy to perform, but they require a great effort in the accuracy of mastery, because of what is imposed by the law of the game in terms of the short period of touching the ball, determining its touch, the small size of the field, the speed of flight of the ball, and others. in other legal respects." (Al-Jumaili: 2012: 53) and indicates (Hassan, Saleh and Mohammed, 2023) that relying on the principle of the number of repetitions during the performance and then giving the appropriate opportunity for optimal performance significantly and this helped to adjust the movements of the skill, and this is what was

adopted by the mechanism of teaching aids used in the study. (Hassan, Saleh, and Mohammed:2023:158)

The accuracy of skill performance is related to the development of the aids directly and their modernity, which helps the enthusiasm of the learner, and the performance of various exercises through the use of teaching aids in different situations and multiple places had an important role in raising the level of learners in terms of skill performance and the correct movement to the places of fall of the ball and directing it to the desired place, and the researcher confirms that the means and tools form the basis for the new learning model, which is largely removed from the burden of education, especially for learners, and that The skill gradient is from easy to difficult, as the beginning of the curriculum was very easy to allow everyone to perform it, and is compatible with the middle limit of the different abilities of each individual, starting with the tool (ball). (Hamid and Al-Rubaie: 2022: 705).

4- Conclusion:

The researcher concluded that the use of teaching aids in the educational process greatly affected the learning of the skills researched in the experimental group, and the emergence of a preference for the impact of teaching aids and their effectiveness on the curriculum followed in the lesson at the level of performance in the skill of receiving volleyball transmitters, that the retention of the experimental group learning is a clear indicator of the success of the use of teaching aids in the lesson and increase the students' memory of the performance of the skill of receiving the transmitter with volleyball, and the researcher recommends the need Emphasis on the use of learning aids Skills in question Being more Impact And at different stages of learning It is an essential part of the content of the curriculum, and the need to use means and tools to help learn other skills VolleyballAnd emphasize the competent authorities and the relationship to provide tools and aids to learn other skills for individual and team games.

References:

- Mohamed Sobhi Hassanein and Hamdi Abdel Moneim: Scientific foundations of volleyball and measurement methods. 1st Edition: (Cairo, Book Center for Publishing, 1997)
- Ahmed The effectiveness of using some educational aids in learning the skill of transmitter in volleyball on achieving educational goals: (Journal of Science and Arts, Volume (3), Helwan University, 1989).
- The psychology of learning and classroom learning, 1st Edition: (Amman, Dar Al-Shorouk, 1998)

- Introduction to Learning Technology, 2nd Edition: (Amman, Dar Al-Fikr, 1998)
- Volleyball: Its Principles and Field Application, 2nd Edition: (Amman, Dijlah Publishing House, 2012)
- Dr. Ahmed Wahan Hameed, Samer Saadoun Abdulredha Al-Rubaie game coach, & Noor Majed Khalil games coach. (2022). The effect of training curricula of different sizes on physiological and physical variables and the accuracy of the performance of the skill of overwhelming beating juniors with volleyball. Journal of Sports Science, 14(51), 708-726. <https://doi.org/10.26400/sp/51/52>
- Qais Abdul Jalil Mohammed, Prof. Dr. Haider Fadhil Saleh, & Prof. Dr. Thaer Rashid Hassan. (2023). The impact of the learning style in order to enable students with motor performance difficulties to learn the crushing skill of volleyball for students. JOURNAL OF SPORT SCIENCES, 15(1 Special Issue on the Proceedings of the First National Scientific Conference for Graduate Students' Research). <https://doi.org/10.26400/sp/58/12>