

Analysis of the Contribution of the Morpho- Functional Variable to Determine the Profile of the Volleyball Player.

(Analytic Approach).

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Abstract.

The main objective of this study is to try to determine the feature players of volleyball using anthropometric measurements and their relationship to determine positions of some of the clubs are active in the first national section and the second , a case study (05) teams senior volleyball class, which formed the research sample of (30) player taking part in the first national section and the second , and the sample was selected randomly and the researcher used the descriptive and analytical approach .

And the completion of our research we have distributed questionnaires , to see the value and importance of anthropometric measurements when these coaches , as we used anthropometric measurements of the players in the normal state and during the competition, and so for comparison between the two cases .

Key words: Profile player, Morphology, Antropometric , Players centers , Volleyball.

1-Introduction.

It has become an important to know the physical specifications physical (anthropometric) as the basis for the fundamental pillars that must be provided to access the individual athlete to

the highest possible level, and on the other hand, the structural composition of the body plays a big role and a key to athletic performance, and begin importance of anthropometric measurements in that they are often used as a basis the success or failure of the specified activity, and this is confirmed by both the chlorine and other 1997 studies, Bouchard and others (1993bouchard & étal), (Nictycock, 1989), where the length and limit it in the specification of the performance of the skill affects, and means that differences in bone lengths will affect the performance skills of individuals, either positive or negative.

And proven through scientific research and studies that each event special physical requirements that distinguish them from other events , and these requirements are reflected on the physical measurements that must be provided to practitioners , (Lamache. S,2002, P 56) to provide these measurements can give an athlete an opportunity Staab not greater skills and arts event or game.

According to (Corroyer. B, 2013. P 75) provides the physical measurements (anthropometric) can give the athlete's largest Astab skills and arts Hits chance. He says , " a selection of human elements that have the components of success , and if the human and material potential of the components of success in this game , and if the material and human resources available , it will not work if you have not been through the human elements fit with the game requirements, and is promising it will be a waste of time and effort.

Since there is a difference between the players in terms of their measurements anthropometric , so the researcher saw the importance of a relationship that features players of volleyball using anthropometric measurements and determine station play on the pitch ?

* Are there differences in features between the players and determine the positions on the pitch ?

* Is there a correlation between the features of the players using anthropometric measurements and the identification centers in the stadium ?

3- The research hypotheses.

3-1- Main hypothesis.

* There are weaknesses in the physical preparation leading to the development of non-physical attributes or weakness in growth, leading to difficulty in determining the pitch centers.

* there is a difference in the features of the players, especially when followed in the use of anthropometric measurements and therefore easier on the coach or who is in the selection centers to determine the necessary and appropriate for each player.

* There are an integrated feature of the relationship between the players and the use of measurements to determine the positions on the pitch.

4- Research objectives.

- Know the real role played by identifying morphological characteristics in improving the selection and activation play centers in volleyball.

- Raising measure Algerian players to what is required in the global arena of competitive sport.

- Determining the typical specifications that must be met when the players to be able to achieve global levels , and to predict the possibility of continuing player in practice a high level of efficiency.

5- Research methodology.

In this study, we rely on the descriptive and analytical approach , which is consistent and the nature of the subject, which requires a fact-finding and information collected Portal known as the " N, Mohammad Omar , 1986" .

Descriptive approach that " portray the current situation and determine the relations that exist between phenomena and trends, as it is not just a description of what is so apparent that it includes a lot of investigation and knowledge of young people and causes.

5-1- Means adopted to gather information:In order to deny or prove the hypotheses offered to problematic, so we require to choose the most effective way, and through the study and scrutiny, and this is by using the following tools:

- Analysis Albeblograve: The primary objective was to clarify visions and theoretical concepts inadvertently note as much as possible in all aspects of the research and scientific theory, whether or applied scientific.

- A last pianih way: Before embarking on research we have conducted a preliminary survey threw to know the status of morphologic side with the Algerian volleyball coaches, and his method questionnaire directed towards particular niche factor Almorvoozivi determine positions Portal operations may researcher used a closed questionnaire, Open, where "be set of questions which closed require the respondent to choose the appropriate answer, and another set of open questions, and the respondent are free to answer "where he formulated 10 questions.

5-2- Test measurement method: include special devices points and measuring points Alontherubomtra and as well as the various accounts.

5-3- Statistical treatment: A give and to identify and calculate statistical measurements, where we can see the preliminary and approximate conclusions.

In our way we can do the analytical side, among them duplicates account. Percentages: Use percentages to analyze the results Act in all measurements obtained from physical measurements that have been used, and this after collecting occurrences of each of them, a way of calculating the percentage "way triple play".

* **Analytical treatment:** we use this test to measure the significance of differences in the physical measurements of the players in the normal state and during the match and is "Ta" Stodint, standard deviation, the arithmetic average.

6- Results and analyzed and discussed.

Table No. 01 :It represents frequencies and percentages own measurements of the player prepared in the normal state and during competitions.

	In normal case	During the COMPETITION
The total length of the body	+1.82	+2.38
Nbre	16	16
Participation	98%	78%
The total length of the trunk and upper limbs	+1.52	+1.63
Age	19.17±0.89	19.17±0.89
Length of the upper limbs	0.67±0.70	0.94±1.63
the average	*	***
Participation	13.36±1.19	14.29±1.26

Analysis: Note through a table (01) for measurements in the normal state for the body as a whole is that the proportion of 21% of the total measurement of the body , while its measurements to a ratio of 98% the total length of the body upgrading , while the upper limbs are the length of the trunk is by 78 %.

As for the table (1-1), we note the following: that the Ta calculated and we found a \$ 2.02 less than a \$ 2.06 Ta scheduled, at 20 degrees of freedom, and significance level of 0.05, (Corroyer. B, 2013. P 85) thus showing us that there is a difference between these two measurements D (in the normal state and during the interviews) .

Table No. 02 :Represents frequencies and percentages, and the values of k 2 phrases first axis (first partial hypothesis) .

	Before the COMPETITION	After the COMPETITION
Morphological requirements	Yes:89% No: 11%	Yes:96% No: 04%
Nbre	16	16
Participation	100%	100%
Physical specifications and footwork	More than 83%	More than 97%
Age	19.17±0.89	19.17±0.89
Role of Length of the upper limbs (Rate)	0.67±0.70	0.94±1.63
the average	*	***
Participation	15.16±1.12	16.09±1.21

Analysis: It is through the gateway (01): note that most of the coaches care about measurements Alontherbomitrih 100%, and as well as the value of (Ca 2) calculated (24) is greater than the value of (Ca 2) Scheduled (5.99), and thus the presence of a statistically significant supports previous answer, which confirms that they care about measurements and they do all the sport season (Andre dowart. P, 1990, P63).

The ferry No. (02): note that most coaches believe that the most influential requirements in the pursuit of sporting excellence is the morphological requirements increased by 96%, and as well as the value of (Ca 2) Calculated (32.5) is greater than the value of (Ca 2) scheduled (18:31), and thus The presence of a statistically significant supports previous answer.

Table No. 03 : Represents frequencies and percentages, and the values of k 2 phrases second axis (second partial hypothesis) .

	Before the COMPETITION	After the COMPETITION
Physical side	Yes:79% No: 21%	Yes:88% No: 12%
Nbre	16	16
Participation	100%	100%
Besides the body move	More than 93%	More than 95%
Age	19.17±0.89	19.17±0.89
The role of the harmony of the upper and lower counterparty (Rate)	0.88±0.50	0.97±1.01
the average	*	***
Participation	17.16±089	19.08±1.45

Analysis:Through the gateway (03) : note that most coaches when doing the test both grounded in the physical side and then by 79%, and as well as the value of (Ca 2) Calculated

(24.5) is greater than the value of (Ca 2) scheduled (15:51) , and thus there is an indication statistical support the previous answer (Andre dowart. P, 1990, P73).

The ferry (04) : note that the coaches directing players to specialize in positions as potential physical and so by (95%) , and as well as the value of (Ca 2) calculated (14) is greater than the value of (Ca 2) Scheduled (5.99) , and thus the existence of statistically significant supports previous answer.

7-Conclusion: In recent methodological solutions that the team can reach to safety and make it achieve creditable results and access levels insignificant and these solutions represented in pursuing the way calendar features players during the installation process using anthropometric measurements because of their scientific and standardized results, without giving importance physical means and possibilities, and even financial compensation, but rather must look to the future of the players and as well as the future of the team's first goal must be achieved no matter what the obstacles and difficulties faced by, any Atsvo spirits high to help them cope with these obstacles and overcome them, and trying to achieve the goal no matter what varied causes and factors that stand against them. And as well as looking at the future of volleyball in Algeria compared to other countries.

The bottom line Vtaatmhor about the importance of assigning the work of trainers to the scientific basis whatever the type of activity they are doing, so that there will be follow-up and technical control of this business working on tuned and corrected, was also able to predict the results of the players and team alike, and as well as giving the importance of scientific side, which is a pillar of the strong for all aspects, without exception, even characterized by their transparency and clarity, and to achieve accurate results without doubts and surprises and the lifting of scientific employment measurements anthropometric in our country level in order to reach a global level and the advancement of the sport of volleyball and activate Sports other.

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