

Evaluate some complex motor performances in the final game of volleyball between Egypt and Tunisia in the African qualifiers - Qualifying for the Olympics, Rio de Janeiro, Brazil, 2016

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INTRODUCTION AND Research Problem

Interest in the study of the human motor performance in various sports activities, and in the study of motor skills related to the sport of volleyball especially in matters of concern to workers In the field of learning and training of these skills in order to learn and be knowledgeable about the factors affecting the performance of the motor directly or indirectly , Whether these factors, it be biological or anatomical or social, psychological, or mechanical or training to find interrelationships between these factors And how they relate to each other to arrive at generalizations by which learning and training process guide and improve motor performance to achieve the best results In terms of achieving a high level of achievement it depends on the level of motor performance at what is making in the formation of the player develop training programs that rely on a set of physical variables and skill, that reflects the ability of the players to understand the movement parts and components And it relies performances kinetic complex in the sport of volleyball high level of physical variables (agility -balance – Accuracy - Speed - The ability) For their association with the requirements of motor performance in terms of time, and formalism, spatial and sense of the body in air

The Egyptian team won the Tunisian team in the game for the final volleyball qualifying African qualifying for the Olympics, Rio de Janeiro, Brazil, 2016, That required workers field athlete careful analysis and hard work to find out the composite kinetic performances basic in this level of achievement To keep up with global development and maintain the requirements to continue to maintain this global achievement, and for being one of the important requirements in the preparation of youth And that may be to develop a positive return on the private skills and improve the physical side of the volleyball players through training Systematically taking into account the principles of sports training, ,Therefore, identify some of the performances in the motor complex-final volleyball between Egypt and Tunisia in the qualifiers of African qualifying for the Olympics, Rio de Janeiro, Brazil, 2016, It may help workers in the field of Sports volleyball highlight the importance of the motor complex performances and its effectiveness , As is the importance of research to try researcher to gain access to any motor composite performances (receiving for the region front and rear - the scroll of the frontal and rear - the beating of the area front and rear), the most common in the sport of volleyball

Aim of the research:

Identify performances motor composite most widely and commonly used in the final game of volleyball between Egypt and Tunisia in the African qualifying for the Olympics, Rio de Janeiro, Brazil, 2016 as following:

1-receiving of the area front and rear (direct receiving by foot - direct receiving head - receiving By arms from the bottom by passing for striking - receiving By arms from the bottom to pass it to an existing preparing - receive direct pass to the playground competitor - receiving from the top by passing the striking - receiving from the top by passing the prepared).

2-Scrolling from the frontal and rear: (direct scrolling playground competitor - the scroll from the top of the front hit the front - the scroll from the top to hit back - preparation from the bottom of the hit).

3-Beating of frontal and rare: (beating of the scroll from the top of the front - the beating of scrolling back higher - beating of preparation from the bottom)

Research Question:

What are the performances motor composite most commonly used in the final match in volleyball between Egypt and Tunisia in the African qualifying for the Olympics, Rio de Janeiro, Brazil 2016

Research Procedures:

Research Methodology:

Use a descriptive method (Descriptive Method) analytic method.

The research sample:

The research sample was selected purposively included the final match in volleyball between Egypt and Tunisia in the African qualifying - qualifying for the Olympics, Rio de Janeiro, Brazil in 2016. Congo's dated 12/01/2016 and won by Egypt score 3/2 and qualification to participate in the activities of Sports competitions volleyball Olympics, Rio de Janeiro, Brazil in 2016

Data collection tools:

. PC

.CD recorder before the game from the Egyptian Federation of Volleyball

.Form Visual analysis of note also noted that Jurgen Perll2000 (6) to watch the game tapes of iterations performances motor composite for both teams in the receiving directions - Scrolling - beating to the front and rear

The statistical operations:

Due to the nature of the research data are processed statistically through the computer to get a

(%) Percentages

Results:

performances motor composite and percentage of Various positions for Egyptian team and the Tunisian team in receiving directions from the front, rear region

Table (1)

Iterations performances motor composite and in ranking to the positions for both teams in the receiving area of the front directions

Tunisia						Egypt						performances composite	r
% P4	%	P3	%	P2		% P4	%	P3	%	P2			
-	-	-	-	-	-	-	-	-	-	-	-	Direct receiving Foot	1
-	-	-	-	-	-	-	-	-	-	-	-	Direct receiving head	2
-	-	-	-	-	-	-	-	-	-	-	-	receiving arms from the bottom by passing for striking	3
6.7 %	1	33.3 %	5	6.7 %	1	18.2 %	2	45.4 %	5	-	-	receiving arms from the bottom to pass it to prepared	4
6.7	1	-	-	6.7	1	-	-	-	-	-	-	receiving direct pass to competitor playground	5
-	-	-	-	-	-	-	-	9.1 %	1	-	-	receiving from the top by passing the striking	6
6.7 %	1	26.7 %	4	6.7 %	1	9.1 %	1	9.1 %	1	9.1 %	1	receiving by passing from the top of prepared	7

Total iterations = 11

Total iterations = 15

Table (1)

iterations performances motor composite for play positions i for both teams in the receiving area of the front Trends, Where occurrences performances ranged composite (receiving by arms pass it from the bottom of prepared, receiving direct pass to competitor playground, and receiving from the top by passing the striking, the receiving from the top by passing the prepared

Table (2)

Iterations performances motor composite for Different positions for both teams and its ranking to the receiving area of background directions

Tunisia						Egypt						motor composite	r
%	Pos5	%	Pos6	%	Pos1	%	Pos5	%	Pos6	%	Pos1		
-	-	0.9%	1	-	-	-	-	-	-	-	-	Direct receiving Foot	1
-	-	-	-	-	-	0.8%	1	0.8%	1	-	-	Direct receiving head	2
-	-	-	-	-	-	-	-	-	-	-	-	Receiving by arms pass it from the bottom of Thumper	3
17.4%	19	39.4%	43	23.9%	26	19.5%	23	28%	33	14.4%	17	Receiving by arms pass it from the bottom of a preparer	4
0.9%	1	3.7%	4	0.9%	1	0.8%	1	5.9%	7	-	-	Receiving direct pass to the opponent's court	5
-	-	-	-	-	-	-	-	-	-	-	-	Receiving from the top by passing the Thumper	6
2.8%	3	6.4%	7	4.6%	5	9.3%	11	13.6%	16	6.8%	8	Receiving by passing from the top of a contagious	7

Total iterations=110

Total iterations=118

Table (2) showed Receiving direct pass to the opponent's playground, the receiving from the top by passing the preparer), where the percentages recorded between frequencies (0.8-28%) for the benefit of the Egyptian team, while recorded between (0.9- 39.4%) for the benefit of the Tunisian team, While there have been no recurrences of skills (direct receiving by foot, direct receiving by head, and the receiving by arms pass it down to striker, the receiving from the top of the pass for both teams, the direct receiving by head) of the Tunisian team

Table (3)

Iterations performances motor composite and its ranking to the Different positions for both teams in front area scrolling directions

Tunisia						Egypt						motor composite	r
%	pos4	%	pos3	%	Pos2	%	pos4	%	pos3	%	Pos2		
-	-	3.1%	3	%2.1	2	%1.9	2	1.9%	2	%0.96	1	Direct scrolling playground competitor	1
-	-	9.4%	9	46.9%	45	-	-	11.5%	12	%37.5	39	Scrolling from the top of the front hit the front	2
-	-	3.1%	3	31.3%	30	%1.9	2	13.5%	14	%26.9	28	Scrolling from the top of the rear behind beaten	3
%1	1	2.1%	2	%1	1	0.96%	1	0.96%	1	%1.9	2	Preparation from the bottom of beaten	4

Total iterations= 104

Total iterations=69

Table (3) occurrences performances motor composite and its ranking to the Different positions for the Egyptian team and the Tunisian team in the scroll of the frontal area where made frequencies percentages among the trends (0.96- 26.9)% for the Egyptian team, while frequencies percentages achieved between (1- 46.9%) of the Tunisian team

Table (4)

Iterations performances motor composite and its ranking to the Different positions for two teams from the region in scrolling background trends

Tunisia						Egypt						motor composite	↑
%	Pos5	%	Pos6	%	Pos1	%	Pos5	%	Pos6	%	Pos1		
%4.3	1	-	-	%4.3	1	-	-	%17.4	4	%4.3	1	Direct scrolling playground competitor	1
-	-	30.4 %	7	21.7 %	5	-	-	%34.8	8	%13	3	Scrolling from the top of the front hit the front	2
-	-	8.7 %	2	-	-	-	-	%13	3	-	-	Scrolling from the top of the rear behind beaten	3
%13	3	%13	3	%4.3	1	-	-	%12	3	%4.3	1	Preparation from the bottom of beaten	4
Total iterations = 23						Total iterations = 23							

Table (4) iterations performances motor composite and its ranking to the Different positions for the team in the scroll of the frontal area where made duplicates percentages among the trends (4.3- 34.8)% for the Egyptian team, while the ratios achieved duplicates percentages between (3.4 to 4.30%) Tunisian team

Table (5)

iterations performances motor composite and in ranking to the Different positions in directions beatings of frontal area where he made duplicates percentages between (1- 38.8)% for the Egyptian team, while duplicates percentages achieved between (1.3- 52%) of the team Tunisian

Tunisia						Egypt						motor composite	r
%	pos4	%	pos3	%	Pos2	%	pos4	%	pos3	%	Pos2		
52%	39	21.3%	16	4%	3	38.8%	28	28.4%	21	5.4%	4	Beating of the scroll from the top of the front	1
2.7%	2	-	-	13.3%	10	5.4%	4	1.4%	1	16.2%	12	Beating of scrolling back top	2
5.3%	4	-	-	1.3%	1	2.7%	2	-	-	2.7%	2	Beatings of Preparation from the bottom	3
Total iterations= 74						Total iterations=75							

Table (5)

Iterations performances motor composite and its ranking to the Different positions for both teams in the directions of the front hit area

Table (6)

The number of occurrences of composite kinetic and performances in ranking to the Centers Different positions for both teams in the directions of the area beating Background

Tunisia						Egypt						motor composite	r
%	Pos5	%	Pos6	%	Pos1	%	Pos5	%	Pos6	%	Pos1		
-	-	3.6	1	21.4%	6	5.3%	2	2.6%	1	23.7%	9	Beating of the scroll from the top of the front	1
-	-	-	-	67.9%	19	-	-	-	-	60.5%	23	Beating of scrolling back top	2
3.6%	1	-	-	3.6%	1	-	-	-	-	7.9%	3	Beatings of Preparation from	3

Final result	fifth	forth	third	second	First	Team
3	16	19	25	20	25	Egyptian
2	14	25	18	25	19	Tunisian

Table (8) as a result of games in the match between the two teams final score for the benefit of the Egyptian team.

Discuss the results :

Indications occurrences performances motor composite and follows in ranking to the positions for both teams in the receiving area in the front, rear tables (1,2)

From the above researcher believes that the performances motor composite in the region show the front and clear for the performances (receiving By arms by passing from the bottom of the contagious) the centers (3-4), and (receiving from the top by passing the receiver) positions (2-3-4)

Indications occurrences performances motor composite trends in receiving area of the rear

From the above researcher believes that the performances motor composite in the region show the rear and describes the performances (receiving by arms pass it from the bottom of the preparer - receiving for direct pass to the opponent's playground - receiving from the top by passing the preparer.

Indications repetitions performances motor composite and in ranking to the different positions for both teams in the frontal area of the scrolling directions, and the rear tables (3.4)

Indications repetitions performances motor composite in the frontal area of the scrolling directions:

Results - Table showed (3) that repetitions performances motor composite (direct scrolling playground competitor - the numbers from the bottom of the hit) Low in all front play positions (2.3.4) for both teams

The percentages ranged from (1.9%) of the Egyptian team, and (2.1%) of the Tunisian team, which indicates a lack of use and lack of effectiveness of the performance of these positions

performances motor composite recorded (scroll from the top of the front beaten - scroll from the top to the back behind a beaten) Top repetitions percentages to a central play (2-3) percentages (37.5% -11.5%) (26.9% -13.5%) for the Egyptian team

And (46.9% -9.4%) (31.3% -3.1%) of the Tunisian team, which emphasizes the importance of promoting these performances of these positions play

From the above researcher believes that the performances kinetic scrolling composite in front of the area show directions show performances (scroll from the top of the front beaten - scroll from the top to the back behind a beaten) positions play (2-3)

Which have to Paying attention to training programs to work to raise the level of the front players positions (2-3) physically and skills to perform these performances motor composite efficiently complete solitude

Indications repetitions performances motor composite in the scroll from the rear directions

From the above researcher believes that the performances motor composite trends in beatings area front showing and explain the importance of performances motor composite (Beating of the scroll from the top of the front - beatings of scrolling back up), which depends on preparation of good players, a positions (3), (4)

Indications occurrences performances motor composite trends in beatings of the area Background:

Showed results table (6) frequencies performances composite in directions beatings centers play follows:

From the above researcher believes that the performances motor composite trends in beatings show the background and explain the importance of performances motor composite (beating of scrolling back up) the most frequent trends beatings players from the backcourt and play position (1)

Followed by a composite motor performance (beating of the scroll from the top of , the front) to play position (1)

Then composite motor performance (beatings of preparation from the bottom) to a central (1), (5), highlighting the importance of good preparation skills players position (1) in a scientific physically and technically

Indications total occurrences performances motor composite in the game and in ranking to the regions of playing the front and rear of the Egyptian team and the Tunisian team table (7)

Seen from the results table (7):

performances motor composite in the receiving directions:

These findings indicate the adoption of the two teams on the performances motor composite in the direction of front slider from the area extensively and basically most of them from the region background.

From the above researcher believes the adoption of the two teams more effectively on the renderings motor composite trends in the beating of the two front and rear , As the researcher believes that duplicates ratios differences between the two groups to perform motor skills composite under discussion is a positive indicator of the outcome of training and preparation programs(Physical, and the skill and psychological) of the two teams and the integration of these variables and their compatibility is the foundation of the high level of motor composite performances of the Egyptian team result of the ability to motor regulation that agreed this with Julius Casa Julius Kasa 2005 that high level of skill performance is the result of the effect of the level of harmonic abilities , , He was noted Peter Hirtz & Vladimir Starost 2002 that a relationship exists between the reciprocal harmonic abilities and the outcome of individual sports skills, has explained its significance Larson Larson 1994 Where he pointed out that they relate to each serve installing motion College of partial movements are harmonious composite The researcher adds that this means it is one of the means of adjustment and control of performances motor composite which enables the athlete to link and integrate parts skill, or more than skill Distinct degree of difficulty and complexity technical and my plans in the framework of one of the service fitting motion College of partial harmonically movements and high efficiency to achieve the highest level of the general accompany Required to perform the duties motor composite so consistent with what he referred to Muhammad Lutfi Hussein 2006 to the high performance skills and high technical level associated directly proportional to owning abilities harmonic that affect it and affected by it , The success of the Egyptian team in the defense against motor composite performances intensive Tunisian team (beating of the scroll from the top of the front), and (beating of scrolling back up) from the position of (1) the front area, And loss of goal scoring opportunity makes them nervous as a result of pressure on the players as the decisive match and lost opportunities has achieved its success, And also the level of performance of the individual play of the Egyptian team in some centers in region play front and rear height of the region and its response to the attacks of Tunisian but is the outcome of compatibility and integration between performance skills and tactical complex, The physical condition of high Egyptian team players agreed this with the study results, Mr. Mohammadi Qandil 2012 and who agreed that the performance skills complex to achieve high levels requires the availability of the physical abilities and skill integrated and compatible with each

other for all sports activities. (1:56) (5: 122) (2: 427) and this is what the valley to outweigh the Egyptian team and win the match table (8).

Thus, it has been answered a question Search "What are the performances motor composite most commonly used in the final match in volleyball between Egypt and Tunisia in the African qualifying - qualifying for the Olympics, Rio de Janeiro, Brazil 2016.?"

Conclusions and recommendations

First conclusions:

The most important motor composite performances in the receiving directions:

performances motor composite in region front (receiver By arms pass it from the bottom of the preparer) the positions (3-4), and (receiving from the top by passing the preparer) positions (2-3-4)

performances motor composite in region background (receivers By arms pass it from the bottom of the contagious - Receiving for direct pass to competitor playground - receiving from the top by passing the preparer) positions play (1-6-5)

The most important composite performances kinetic scrolling directions:

performances motor composite in front of the area scrolling directions (scroll from the top of the front beaten- scroll from the top to the back behind a beaten) positions play (2-3)

performances composite kinetic scrolling in the background of the area directions (pass from the top of the front hit the front - direct scrolling playground competitor - the scroll from the top to the back behind a beaten) players position (6)

The most important trends performances in the motor composite beatings:

performances motor composite trends in beatings of the frontal area (beating of the scroll from the top of the front - beatings of scrolling back up) for players positions (3), (4)

First: performances motor composite in the directions of the area beatings the background (beatings of scrolling back up) and play position (1)

Second: motor performance composite (beating of the scroll from the top of the front) to play position (1)

Third, composite motor performance (beatings of the numbers from the bottom) positions (1), (5)

Second:

Recommendations

In a sample limits and procedures based on research and conclusions the researcher recommends the following recommendations:

1-Need to pay attention to training on motor composite performances through training programs and allocate suitable times into the training program content

2-Interest in training programs on performances motor composite

3-Attention and focus during training on skills performances motor composite (receiving, scrolling, beating) to be carried out in the same match conditions to give the players a sense of the variables that may affect the performance skills and success of the process

4-Attention trained precision element in the composite kinetic performances at the receiving , scrolling , beatings

5-Preparation of training courses for workers sector junior championship in the sport volleyball for modern methods of teaching and training skills in basic, performances motor composite

6-The need to work in a junior tournament sector to pay attention to the spread of modern techniques in the field of education and training of basic skills and motor skills composite in volleyball

7-Working groups training sectors volleyball training to include training the programs of various strategies they have on the training positions and competitive psychomotor skills composite

8-Conduct similar studies to learn about the effectiveness of the other composite motor skills in the sport of volleyball and in other aspects of sports activities

9-Compared to similar conduct studies to learn about the effectiveness of the performances motor composite under discussion and performances motor composite other region of front and rear region of the effect of both on the results of matches

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