

The contribution of tactical intelligence in the performance level of some offensive tactical principles for young footballers

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Research Problem

The main difficulty that faced the players during the game briefed in the ability to choose the ideal solution in less time , and this choice requires a special kind of tactical intelligence allows for quick and uncommon responses from young player and difficult to be expected by competitors, thus increasing the possibility of success .

Proficiency and Understanding the implementation of the offensive tactical principles resulted in the complements of each players to the role played by colleagues, also fulfilled understanding and harmony between the various movements of the team so that these moves are in line and harmony . (1)

The study aim:

Identify the contribution of tactical intelligence in the level of performance of some tactical offensive principles .

The study questions:

What the rate of the tactical intelligence contribution in the

level of performance of some offensive tactical principles?

Study Procedures:

Methodology

The researcher used the descriptive method

The study sample:

The study sample was selected intentionally of young footballer born on (1996), sports season 2012 / 2013, Assiut Cement Company Club and consists of sample (25) junior.

Data collection tools: Scientific observation, tactical intelligence test (from researcher design), offensive tactical analysis principles form

The researcher used the scientific observation in the analysis of the visual recorded games using offensive tactical analysis principles form. (annex2) theoretical and practical tactical intelligence test (Annex 3):

Steps of tactical intelligence test design:

After reading in the research and scientific studies,

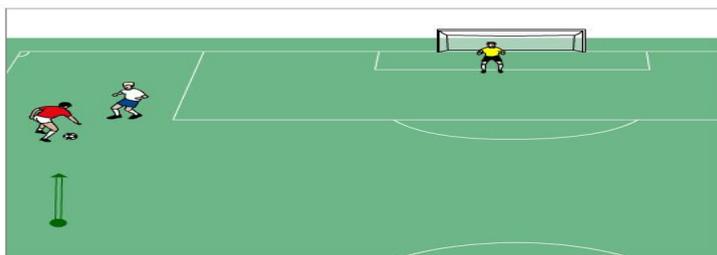
which focused on tactical performance in football, the researcher follow the below steps to design theoretical and practical tactical test.

First: tactical theoretical test:

counting tactical phrases through scientific observation while watching local and international matches of beginners as well as noted responses learned from the practical application of these phrases and convert them and put them on this form (the first junior (forward): second juniors (Defender) so the phrases become as follows: (1:1), (2:1), (3:1), (4:1) (1:2) (2:2), (3:2), (4:2), (1: 3), (2:3), (3:3), (4:3), (5:3), (6:3), (7:3), (3:4), (4:4), (5:4), (6:4), (7:4), (4:5), (5:5) (6:5), (7:5), (8:5) tactical phrases that starting from goalkeeper, phrases that start from the third and middle defensive, phrases that start from either side of the court in the half defensive and tactical phrases from standing positions

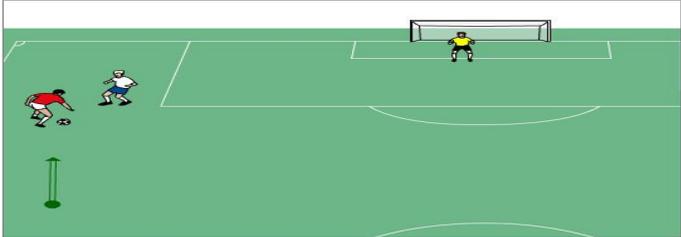
. The repeated tactical phrases were excluded also the phrases that begin from goalkeeper, which starts from the third and Middle defensive area and the phrases that start from both sides of the court in half of defense because of the availability of the free space and often there is no defensive pressure in these areas - also excluded the tactical phrases from standing positions for using coach's intelligent in junior training.

more tactical phrases have been identified and concluded that can be exposed to juniors in the third attack (from the right, center and left hand) where there are defensive pressure and spaces straitening, man - to - man defense and zone defense is as follows: (1:1) ,(2:1), (3:1), (2:2), (3:2), (4:2), (2:3), (3:3), (4: 3), (5:3), (4:4), (5:4), (6:4), (6:5), (7:5) the following figure is an example .



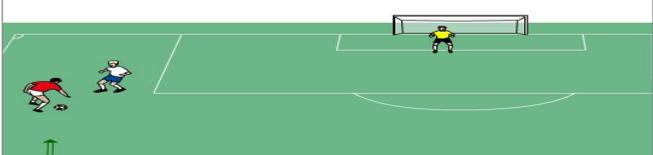
responses that extract from the practical application of these phrases were applied on (30) juniors from soccer School of the Assiut Cement sports club below each tactical phrases so the players choose

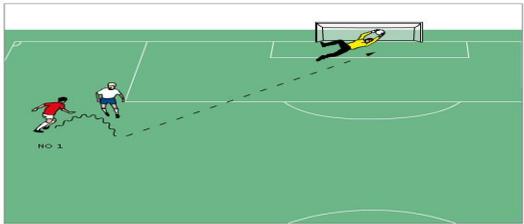
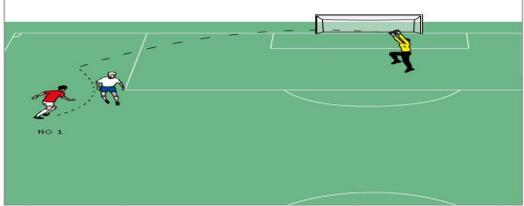
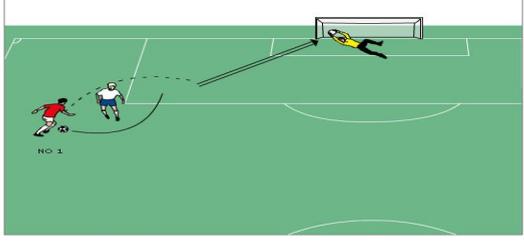
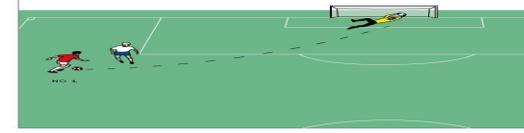
the correct answer and mark (√) inside the box on the suitable answer for their abilities and can be performed on the court as in the following figure:

<p>Juniors' opinion</p>	
	<p>The player shooting directly to the goal</p>
	<p>Offensive player quibble the defensive player inward then shoot</p>
	<p>Offensive player quibble the defensive player outward then make cross ball pass</p>
	<p>Offensive player played behind the defensive player the run and control the ball once again then passing</p>

The researcher apply the test on (20) juniors to identify the extent of their understanding of solutions below each tactical phrase and found that some juniors are not fluent in reading or understanding of what is

written. figures has been drawing for written solutions by draw the movement of junior and his movement to look at the figure and put (√) on any image or any (ideal solution) and can be implement as in the following figure:

<p>Juniors' opinion</p>	
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		<p>Offensive player quibble the defensive player inward then shoot</p>
		<p>Offensive player quibble the defensive player inward then shoot</p>
		<p>Offensive player played behind the defensive player the run and control the ball once again then passing</p>
		<p>The player shooting directly to the goal</p>

From above the researchers found that juniors have understood the test and how to choice through graphics that has a positive effect as it has facilitated the application through viewing.

- The test has been introduce to the experts in football training (1) to give their opinion on :
- Identify the form of tactical phrases and their number.
- The suitability of the tactical phrases to measure the level of

tactical intelligence for young footballers.

- Add other phrases.
- Delete some difficult phrases.
- Determine the ideal solution to be used for evaluation - determine the appropriate degree of test.
- Identify and calculate the minimum length of time for each tactical phrase separately and time (all phrases), test as a whole

The researcher phrased expert's opinions and identified each of the (form of tactical phrases and their number , the suitability of the ideal solution , test score and the time of each phrase and the time of the test as a whole, appendix (3) correct key has been put for the theoretical test appendix(3)

Second: the practical tactical intelligence test :

- The same test steps of theoretical tactical intelligence.
- The practical application of tactical phrases to test the theoretical tactical intelligence.
- Let junior to performs the largest number of practical tactical actions for each phrase alone, according to his capabilities without the guidance of a coach.
- filming junior as he perform each tactical phrase separately.
- Every tactical behavior was

collected for all juniors and deletion of repeated behaviors.

- The practical tactical phrases mode (the practical tactical intelligence test,) in the form of a questionnaire.
- The practical tactical intelligence test has been introduce to experts in football training (1) to express their opinion on :
- Determine the ideal solution to assess juniors.
- Determining the appropriate degree for test.
- Identify and calculate the minimum time (the speed of the junior in ideal solution performance) of each of tactical phrases alone and the time (of all test phrases) as a whole.

The researcher phrased experts' opinions and identified each of the (ideal solution and test score and the time of each phrases and the time of the test as a whole, correct key has been put for the practical test).

Third: the correction key to the theoretical tactical intelligence test:

The researcher depends on experts views by putting one degree for ideal choose according to their views and thus the total number of test are (45) degrees, the ideal time for the application of the test is

(270 seconds) by (6 seconds) for each tactical phrase alone, appendix (3).

Fourth: the correction key to the practical tactical intelligence test:

the researcher adopted on experts views by putting one degree to ideal practical choose, according to their views and thus the total sum of test are (45) degrees, and the ideal time for the application of the test is (180 seconds) by (4 seconds) for each tactical phrase alone , appendix(3).

Offensive tactical principles:

The researcher analyzed the references and scientific research to counting tactical offensive principles and (15) offensive tactical principles have been counted.

The researcher presented the offensive tactical principles to experts, appendix (1) to determine the appropriate

tactical offensive principles to the study sample .

The researcher conducts scientific coefficients (validity - objectivity) to the form of the tactical offensive principles analysis (under study).

Basic application stage:

The researcher start the primary application for the study in the period from Wednesday, 10/10/2012 until Wednesday, 24/10/2012 to matches has been recording and analyzed of the sample under study one within his play yard game and the match away to measure and analyze the principles of tactical offensive under the circumstances that could surrounded the junior(public - Weather – playground) .

The researcher used the logical analysis of the decline. For data processing:

Results presenting:

**Table (1)
The contribution of tactical intelligence in some offensive tactical principles for young footballer (N = 25)**

Participants variables	Constant value	coefficient	T value	D.g	P value	Participant rate
theoretical tactical intelligence	2.315	0.983	1.134	24	57.93	96.7
practical tactical intelligence	12.38	0.746	1.459	24	2.505	55.6

It is clear from Table (1) The theoretical tactical intelligence variable is the most contribution variable in the offensive tactical principles, the percentage of contribution (96.7 %) and (F) value (57.93) , and was significant at the level of 05 .0 .the contribution rate of practical tactical intelligence variable at the offensive tactical principles was (55.6%) and (f) value was significant at the level at \$ 0.05 (2.505)

The researchers found that the intelligence juniors capable than others, on the quick reaction at different play situations, and appreciate the perception and insight into the results of the performance that he is doing, and able to anticipate the behavior of rival during play, also the intelligent junior more able to learn movement and tactical learning in achieving the highest levels of sports.

Hanafi Moktar reinforcing that (2003) the player who will have the ability to note, then the proper mindset must be followed by an ability to proper conclude to what he has note to take the right decision, and because of the importance of this process

in the game coach must give the players a variety of exercises to develop this ability.

Overall, the player prepared for his tactical intelligence well have response at faster than the others, and the speed of response play an important role in the performance of a football player , which is currently considered one of the most important features of a football player

The most important results

Theoretical tactical intelligence variable is the most contribution in tactical principles where the percentage of contributing is 96.7%, and P value was 57.93 and was significant at 0.05 and thus the function of descending (Prediction equation of theoretical tactical intelligence variable at the offensive tactical principles).

Offensive tactical principles = constant variable + coefficient * X1)

Offensive tactical principles = 2.315 + 0.983* offensive tactical principles

A practical tactical intelligence variable contribution to the principles of tactical offensive by 55.6% and P value was

significant at the level of 0.05 and a value of 2.505 and thus the prediction equation of practical tactical intelligence variable at the offensive tactical principles as follow :

offensive tactical principles = constant variable + coefficient * X1)

Offensive tactical principles = 12.383 0.746 * practical tactical principles

Prediction equation of the level of offensive tactical principles in terms of tactical intelligence is the most contribution as follows

Offensive tactical principles = = 2.315 + 0.983* theoretical tactical intelligence + 12.383 0.746 * practical tactical intelligence

Recommendations:

1- Using the prediction equation, in order to predict the level of offensive tactical principles of junior football in terms of the most contribution tactical intelligence .

2- Use offensive tactical principles analysis form when assessing the level of tactical performance for juniors during the sports season.

References

1- **Mufti Ibrahim Mohammed (1990):** "The

attack in football " Dar Alfekr Alaraby , Cairo.

2- **Hanafi Mahmoud Mouktar:** "the scientific foundations in football training" Dar Alfekr Alaraby, Cairo, 2003..

The contribution of tactical intelligence in the performance level of some tactical principles arising offensive football

This study aimed to identify the relationship between tactical intelligence and the performance level of some offensive tactical principles of football as well as the to identify the contribution of tactical intelligence in the level of performance of some offensive tactical principles. The researcher used the descriptive method. Sample was selected intentionally from football juniors players born in 1996, season 2012-2013 . the most important tools of data collection were the scientific observation, tactical intelligence test designed by the researcher, analysis form of offensive tactical principles, He used the statistical analysis (arithmetic mean- standard deviation - sprains - correlation coefficient -T-test- logical analysis of the decline.

One of the most important results are the statistically significant correlation between offensive tactical intelligence (theoretical and practical) and tactical principles under discussion, theoretical tactical intelligence variable is the most contribution in tactical principles where the percentage of contributing is 96.7 %, and P value was 57.93 and was significant at 0.05 and thus the function of descending (Prediction equation of theoretical tactical intelligence variable at the offensive tactical principles).

offensive tactical principles = constant variable + coefficient * X1)

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A practical tactical intelligence variable contribution to the

principles of tactical offensive by 55.6 % and P value was significant at the level of 0.05 and a value of 2.505 and thus the prediction equation of practical tactical intelligence variable at the offensive tactical principles as follow :

offensive tactical principles = constant variable + coefficient * X1)

offensive tactical principles = 12.383 0.746 * practical tactical principles

Prediction equation of the level of offensive tactical principles in terms of tactical intelligence is the most contribution as follows

offensive tactical principles = = 2.315 + 0.983* theoretical tactical intelligence + 12.383 0.746 * practical tactical intelligence.