

PERFORMANCE OF TRANSMISSION GOALS IN ONE AND TWO-TOUCH COMBINED TEAM OF UKRAINE ON FOOTBALL IN A FRIENDLY MATCH IN 2011 AND THE MATCHES OF THE EUROPEAN CHAMPIONSHIP IN 2012.

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Annotation. The aim of the study is to determine the performance of the transmission ball in one and two-touch athletes Ukrainian National Team. The material for the study included a video of friendly and official matches of the Ukrainian team at the European Championships in 2012. It is established that the team performed for the match 78 - 63 goals with one touch (replication error - 20.51% - 34.72%) and 124 - 107 goals in two touches (replication error - 10.28% - 17.79%). It is noted that the lower estimate corresponds to the transmission rate of less than 100 goals in one touch of the match. Team deserves high marks, performing over 130 such programs ball per game. Ukrainian national team in 2011, served an average of 125 per game gear ball in two touches. More gear ball with one touch in 2012 Ukrainian performed in the game against England - 78 assists. It is noted that the figures obtained passes of ball team of Ukraine are the basis for the preparation of the appropriate correction for the next match.

Keywords: football, team, transfer, touch, replication, error.

Introduction

Indicators of ball passes studied by many scientists (S. Golomazov, B. Chyrva, 1999, V.N. Shamardin, 2002, G.A. Lysenchyk, 2004, M. Garas, Y. Fales, I. Chornobay, 2006, S.M. Zhuryd, 2007, Salem Mokhammed, 2007, P.Ye. Perepelytsa, S.E. Demkovich, 2007, O. Solomonko, I. Karpa, 2010, I.M. Chornobay, O.V. Bayrachniy, 2012, Ihor Chornobay, Olha Matviyas, 2012 et al.)

In particular, Golomazov, B. Chyrva, 1999, determined mean indicators of quantity and effectiveness of one-touch ball passes by combined teams in world final tournament 1998 [1]. Combined teams of France , Brazil, Croatia, the Netherlands fulfilled in average 75-95 one leg-touch ball passes at matches of World Cup 1998 [1, 2].

G.A. Lysenchul, 2004, in his works made conclusion that team, which fulfills less than 100 one touch ball passes, deserves low mark of this indicator. Team, that fulfills more than 130 such passes, deserves high marks [3].

In works [4,5] quantitative and qualitative indicators of ball passes, which were fulfilled by world football champions in the period 1930-2010, were determined.

S.M. Zhuryd, 2007, described fulfillment of ball passes by highly qualified football players at European championship 2004 [6]. Salem Mukhammed, 2007, determined indicators of quality and effectiveness of one and two touches ball passes by club European teams of high qualification [7, 11].

P.Ye. Perepelytsa, S. E. Demkovich, 2007, determined the levels of ball control by the best combined teams at world championship 2006 in Germany, where the highest indicator was demonstrated by Spain combined team, which, unfortunately, lost 1/8 of final in match with combined team from France [8]. Though, in the future, combined team from Spain, fulfilling great number of passes, became champions of Europe 2008, 2012 and world champion 2010.

Indicators of ball passes' fulfillment by team of FC "Karpaty" (Lviv) in national championship of Ukraine were studied by O. Solomonko and I. Karpa, 2010 [9,12].

I.M. Chornobay and O.V. Bayrachniy determined indicators of one and two touches ball passes by football players of combined team of Ukraine and their adversaries in unofficial matches 2011 [10]. Combined football team of Ukraine did not take part in qualification tournament for European championship 2012. The team prepared for final tournament through a number of unofficial matches, each of them was regarded as control one [10].

Among special literature sources we did not find scientific works, in which quantitative and qualitative indicators of one and two touches ball passes' fulfillment by football players of combined team of Ukraine at unofficial matches (UM) and matches of European championship (EC) 2012, would be compared.

The research has been carried out as per the subject of scientific & research work of football department of Lviv state university of physical culture for 2011-2015 "Scientific-methodic principles of perfection of sportsmen's preparation in football, considering specificities of competition activity" of combined plan of scientific & research work in the sphere of physical culture and sports of Ministry of family, youth and sports of Ukraine.

Purpose, tasks of the work, material and methods

The purpose of the research is to determine peculiarities of indicators of one-two touches ball passes' fulfillment by combined team of Ukraine in UM 2011 and EC 2012.

The object of the research is competition activity of combined football team of Ukraine.

The subject of the research is distinctive features of indicators of one and two touches ball passes' fulfillment in the matches of football combined team of Ukraine.

The tasks of the research:

1. Determine quantitative and qualitative indicators of one and two touches ball passes' fulfillment by combined football team of Ukraine in UM 2011 and EC 2012.

2. Determine distinctive features of indicators of one and two touches ball passes' fulfillment by combined football team of Ukraine in the mentioned above matches.

The methods and organization of the research:

1. Analysis of literature sources.
2. Pedagogical observations of tactic and technical actions (of one and two touches ball passes' fulfillment).
3. Methods of mathematical statistics.
4. Theoretical analysis and generalization of results of the research.

The research was conducted with using of video records of six UM of combined team of Ukraine 2011 with national combined team of France, which took place in Sweden (06.06.2011), Czech (07.09.2011), Estonia (12.10.2011), Germany (11.11.2011), Austria (15.11.2011) and video records of matches of combined team of Ukraine at EC 2012. Analysis of one and two touches ball passes' fulfillment was carried out with the help of program "VLK media player".

Results of the researches

Analysis of video records showed that the highest quantity of one touch ball passes (except head passes) was fulfilled in UM with combined team from Estonia– 128 passes (see fig.1), and the least quantity of one-touch ball passes – in control UM with strong (as per rating of FIFA, UEFA) combined team from Germany – 56 passes. In UM 2011 combined team of Ukraine fulfilled in average 92 one touch passes per one match

In match EC 2012 with Sweden combined team Ukrainians fulfilled much less one touch passes (63) than in UM 2-11 with the same team (109 passes). In match with France combined team at EC 2012, Ukrainians fulfilled nearly the same quantity of one touch passes as in UM the last year (72 and 69 passes correspondingly). The biggest quantity of one touch passes at EC 2012, was fulfilled by Ukrainian team in match with combined team from England – 78 passes.

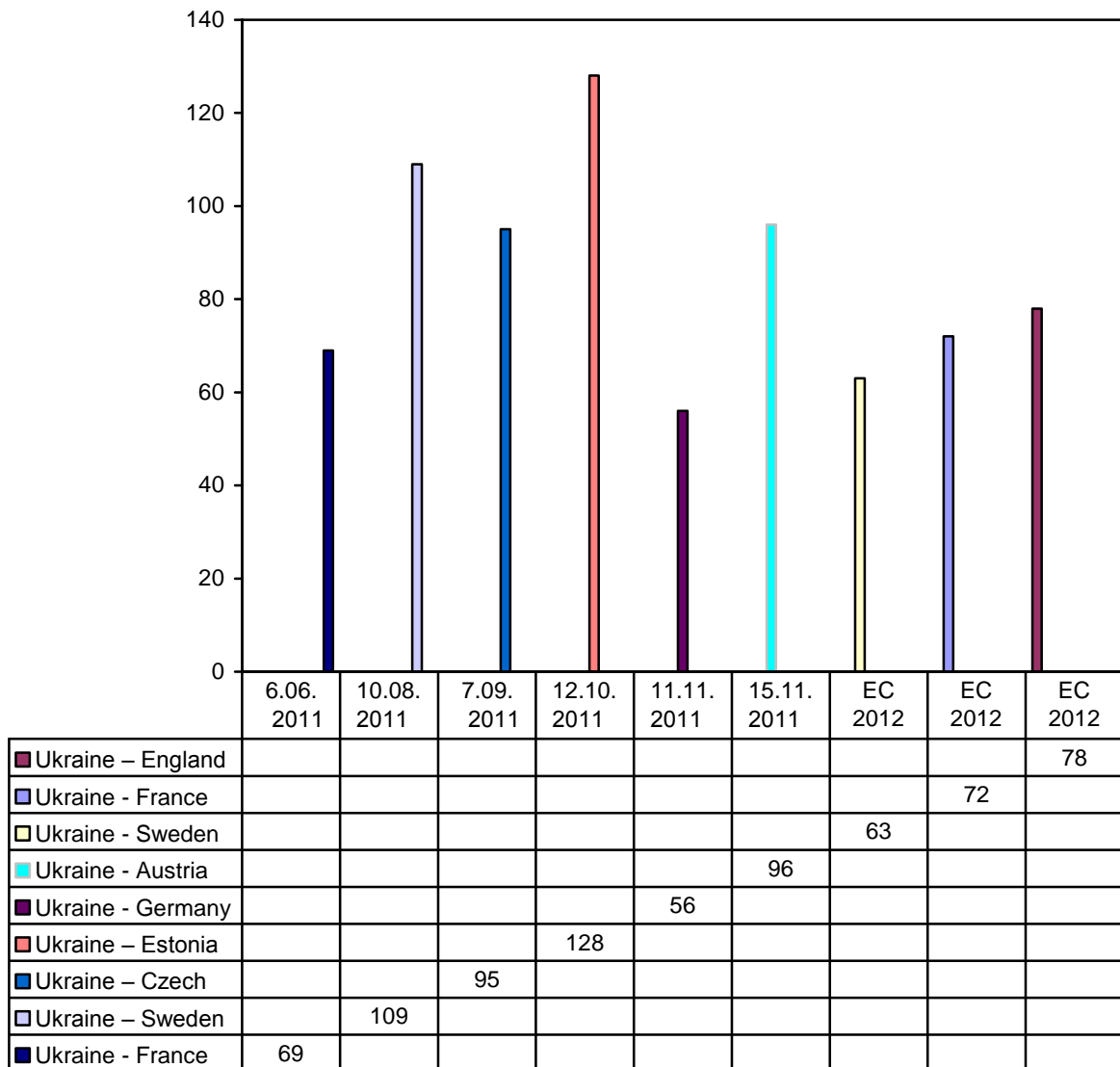


Fig.1. Quantity of one touch ball passes' fulfillment (except head passes) by combined team of Ukraine in UM 2011 and EC 2012 matches.

In UM 2011 the biggest quantity of two touches ball passes was fulfilled by combined team of Ukraine in match with combined teams from Estonia – 181 passes and Sweden – 172 passes and the least quantity of passes was fulfilled in UM with combined teams from Austria – 68 passes and Germany – 81 passes (see fig.2).

In UM 2011, combined team from Ukraine in average fulfilled 125 two touches ball passé per one match.

At EC 2012 combine Team from Ukraine fulfilled 124 two touches ball passé in match with combined team from Sweden; this is much less than in UM 2011 in the match with the same team (172 passes). In EC 2012 match with combined team of France Ukrainians fulfilled nearly the same quantity of two touch passes as in IM with the same team (118 and 110 correspondingly).

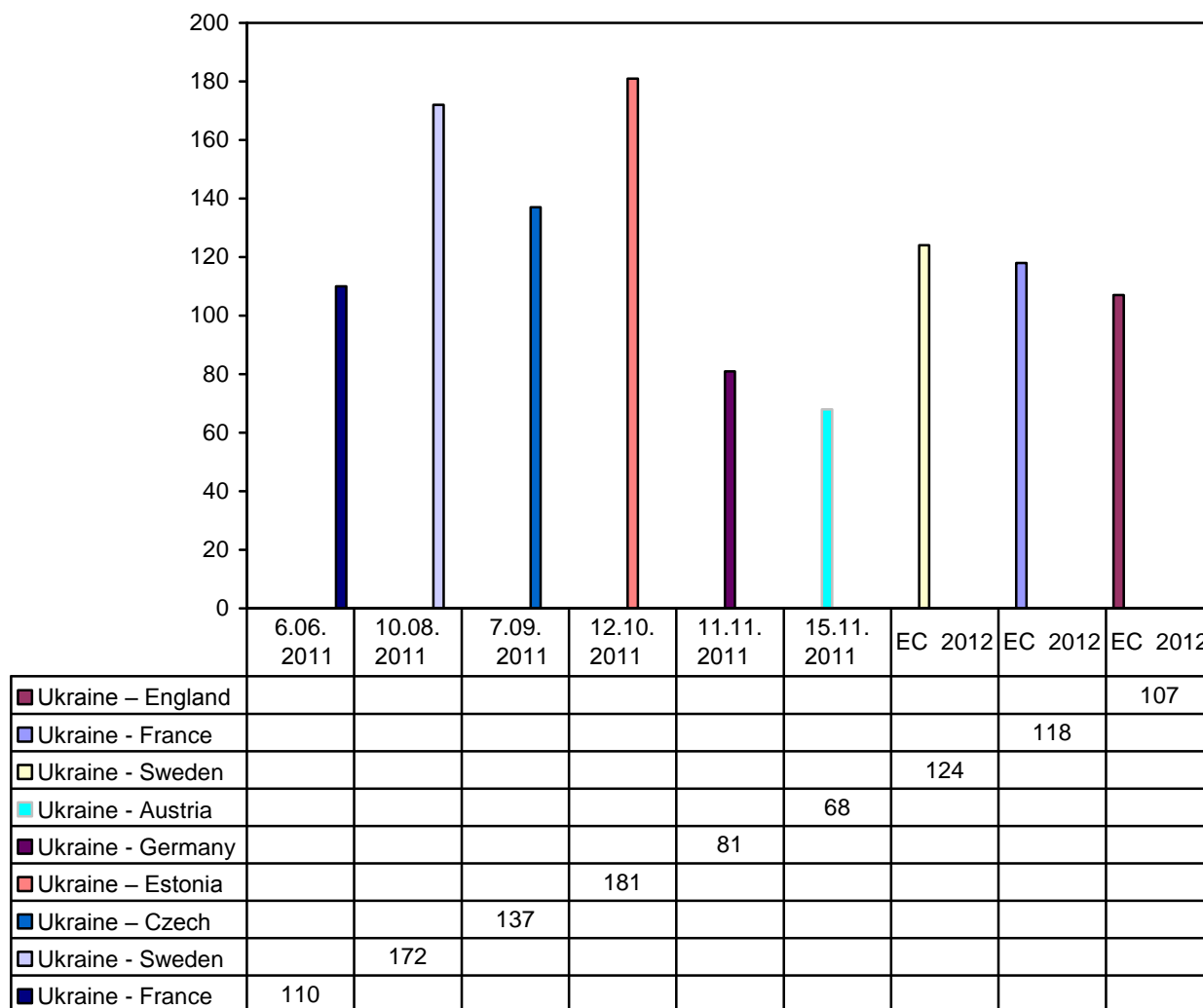


Fig.2. Quantity of two touch ball passes' fulfillment by combined team of Ukraine in UM 2011 and EC 2012 matches.

The least percentage of one touch ball passes' deficit was, when at UM combined team of Ukraine played match with Czech combined team – 12.63 %. Among the mentioned UM of 2011 the highest percentage of one touch ball passes' deficit was in matches of combined team of Ukraine and combined teams of Sweden (26.6%) and Austria (26.4%). The same deficit in UM with combined team of France was 17.39%, with combined team of Germany— 21.42%, with combined team of Estonia – 24.21%.

In average the deficit of one touch ball passes' fulfillment by combined team of Ukraine in UM 2011 was 17.87 % per one match.

In EC 2012 matches the least percentage of one touch ball passes' deficit was in match with combined team of England – 20.51%. In EC 2012 match with Sweden team percentage of one touch ball passes' deficit was 23.8%, and with combined team of France – 34.72%.

Among all studied by us matches the least percentage of two touches ball passes' deficit was at match of combined team of Ukraine with combined team of England - 10.28%.

Among UM 2011 the least percentages of two touches ball passes' deficit were in matches of Ukrainians with Sweden – 11.04% and Estonians– 12.15%. Percentage of two touches ball passes' deficit in UM with combined team of Germany was 13.58%, with combined team of Austria – 14.7%, with Czech combined team 15.32%.

At EC 2012 match with combined team of Sweden the percentage of two touches ball passes' deficit was 16.12%. The highest percentage of two touches ball passes' deficit was in matches with combined teams of France in 2011 and at EC 2012 (correspondingly: 20.9 % and 17.79%).

Summary

1. At European championship football players of combined team of Ukraine fulfilled 78-63 one touch passes and 124-107 two touch passes per one match. At unofficial matches 2011, combined team of Ukraine fulfilled more one and two touches ball passes, excluding the matches with combined teams of Germany, France and Austria.

2. In matches of combined team of Ukraine there were found high indicators of one and two touches ball passes' deficit, except unofficial control match with combined team of Czech. Two touches ball passes' deficit indicators were also high (except matches with combined team of England and unofficial matches with Sweden team).

The prospects of further researches are determination of qualitative and quantitative indicators of ball passes at world, continental, countries championships and among junior teams.

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