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The research of the efficiency of the performance of a male national picked team of Ukraine on the world championship on basketball in 2014

Abstract. Purpose: to determine the efficiency of game indicators of a male national picked team of Ukraine on the World Championship on basketball in 2014. **Material and Methods:** theoretical analysis of scientifically methodical literature, pedagogical observations, methods of mathematical statistics. **Results:** indicators of the efficiency of a game activity of basketball players in games of the World Championship of 2014 were studied. Game indicators of the Ukrainian team are analyzed, the efficiency of individual actions of the leading basketball players of the world is considered. **Conclusions:** it is established that basketball players of Ukraine had a result below an average on all components of indicators of technical and tactical actions in attack and defense in games of the World Championship in 2014, except the efficiency of free throws where the accuracy of their performance was the highest in the group. It is revealed that the defender Eugene Jeter was the leader of the Ukrainian team in this championship.

Keywords: throws, hits, pick up, grasp change, fouls, loss, blocked shot, passes.

Introduction. The analysis of the competitive activity in command game sports is the most important task for the determination of the efficiency of all system of training of a sportsman. Unlike individual sports, the competitive activity consists of a large number of indicators in attack and defense in sports games therefore the productivity of technical and technical actions and their activity are considered during a control of the efficiency of game indicators of a team in general and certain players.

Indicators of the game activity were analyzed by V. I. Perevoznik, A. A. Pertsukhov, V. V. Payevskiy [6] in football, in volleyball – E. Ya. Strelnikova, T. P. Lyakhova, V. I. Kramarenko [10], Yu. A. Gorchanyuk, Yu. O. Taranyuk, V. A. Gorchanyuk [1], V. A. Gradusov, V. K. Lisyanskiy, A. Yu. Melnik [2], in handball – S. F. Chervona [12]. The efficiency of game indicators of highly skilled basketball players were studied by Zh. Kozina, S. Zashchuk, L. V. Grin [4], R. Sushko [11], E. Doroshenko [3], F. Erčulj, B. Dežman, G. Vučovič et al [14], youth teams – N. I. Chucha, N. A. Pashchenko, M. V. Zaseka [13], I. P. Pomeshchikova [7], players with a hearing impairment – I. Sobko [9], A. B. Pokusay, L. V. Marakhovskaya, I. P. Pomeshchikova [10], basketball players on invalid carriages – M. V. Mishin [5]. It is noted in works that the analysis of the competitive activity allows reveal, estimate and compare components of the competitive activity of various players and on this basis to optimize the process of management of the competitive and training process of sportsmen, providing the increase of the level of sports results.

Communication of the research with scientific programs, plans, subjects. The research was conducted according to a subject of the plan of the RW of Kharkov state academy of physical culture 2.8. “The improvement of the educational and training process in sports” (the number of the state registration is 0111U003126).

The objective of the research: to determine the efficiency of game indicators of the men’s national team of Ukraine on basketball in the World Championship of 2014.

The material and methods of the research: theoretical analysis of scientific and methodical literature, pedagogical supervision, methods of mathematical statistics.

The results of the research and their discussion. The basketball World Championship 2014 took place under the name of the World Cup on basketball (Basketball World Cup) for the first time. It is the 17th playing off of the World Cup on basketball which took place from the 30th of August till the 14th of September, 2014 in Spain. The next playing off will take place in five years, in 2019 then the system of holding the World Cups will return to a habitual four-year cycle again. It is made to hold the World Cups on basketball and football in different years.

The city Madrid was the main place of a tournament in 2014. The greatest number of matches and the final of the championship passed there. Also matches took place in Barcelona, Bilbao, Seville, Granada and Las Palmas de Gran Canaria. The final round passed on two arenas: on “Palacio de Deportes de la Comounidad de Madrid” and “Palau Sant Jordi”.

When holding this championship the organization of drawing up couples was changed in a grid 1/8 of finals. Teams from A and B groups appeared in one half of a grid and held the matches in Madrid while teams from C and D groups appeared in other half and played the matches in Barcelona; teams from A and B groups couldn't meet teams from C or D groups to the final or the match for the third place and could meet teams from the group already in a quarterfinal.

The team of the USA became the world champion in 2014 which won a team of Serbia with the score 129:92 in the final. Teams of Lithuania and France played for the third place where bronze medals were won by French basketball players (95:93) in a persistent fight against overweight in 2 points. It should be considered the considerable achievement of the European basketball, three teams from Europe were included into the four of the strongest teams of the world.

The men's national team of Ukraine on basketball started on the World Cup for the first time in the history in 2014. The senior coach Michael Fratello headed the team. In Spain the national team of Ukraine was represented by 12 basketball players which age was on average 22, 6 years old. The 30-year-old Eugene Jeter was the most experienced player as a part of the national team, and the youngest, not only in the team of Ukraine, but in the whole championship – was the 17-year-old Svyatoslav Mikhaylyuk. The average growth of the team – is 200 sm. There is a wish to note that 2 graduates of Kharkov state academy of physical culture were presented as a part of the national team: MSIC Artem Pustovoy and MSIC Alexander Lipovyi (a pupil of coaches of Pokrovenko Lyudmila Nikolayevna and Pokrovenko Sergey Maksimovich of CI CYSS No. 7 in Kharkov).

The team of Ukraine played in the group C. The national teams of Dominican Republic, Finland, Turkey, New Zealand and the USA were our rivals. In the first match basketball players of the national team of Ukraine won the first victory in the history in the World Cups. Our team beat the national team of Dominican Republic with the score 72:62 (12:13, 15:14, 21:13, and 24:22). Results of other matches were as follows: Ukraine – Finland 76:81; Ukraine – Turkey 64:58; Ukraine – New Zealand 61:73; Ukraine – the USA 71:95. It didn't allow a command of Ukraine to leave in 1/8 of finals of the championship.

The main game indicators of teams of the group C are presented in tab. 1 and 2. Analyzing the efficiency of throws of the team of Ukraine for 5 played matches, it was revealed by us that the team scored 68, 8 points on average for a game, thus the average value on the group made 74,9 points for a game. The World champions – the team of the USA scored 104, 6 points on average for a game.

Table 1

Indicators of the productivity of teams of the World Cup among men of the group C of 2014

Team	P	Total from a game			2-point throws			3-point throws			Free throws		
		H	T	%	H	T	%	H	T	%	H	T	%
Dominican Republic	68,0	26,5	62,2	42,6	20,0	42,8	46,7	6,5	19,3	46,7	6,5	19,3	46,7
Finland	68,4	24,0	62,0	38,7	15,2	37,2	40,9	8,8	24,8	35,5	11,6	15,6	74,4
Turkey	70,1	24,1	57,7	41,8	17,6	37,0	47,5	6,6	20,7	31,7	15,3	22,3	68,6
New Zealand	69,7	26,0	64,2	40,5	18,3	39,3	46,6	7,7	24,8	30,9	10,0	14,8	67,4
the USA	104,6	40,1	76,7	52,3	31,5	55,3	57,0	8,6	21,3	40,1	15,8	22,1	71,4
Ukraine	68,8	23,8	58,6	40,6	15,0	37,6	44,6	8,8	25,0	35,2	12,4	16,8	73,8
On average	74,9	27,4	63,5	42,7	19,6	41,5	47,2	7,8	22,6	36,7	74,9	27,4	63,5

Note. P – points, H – hits, T – throws.

It should be noted that the most productive of the Ukrainian basketball players on the World Cup was Eugene Jeter who brought 15, 4 points on average for a game, and in a game against the national team of Finland his contribution to a moneybox of the team made 24 points. The player Puerto-Rikansky of the republic José Juan Barea was the most productive basketball player of the World Cup who gathered 22 points on average for a game. The record of the Cup was set by a player Angola Janik Moreira, having scored 38 points in a game against the team of Australia.

The Ukrainian team had 40, 6% of the efficiency of throws from a game, at average on the group of 42, 7%.

The lower accuracy was shown only by teams of New Zealand (40, 5%) and Finland (38, 7%). The team leader of the World Cup showed the productivity in throws of 52, 3%.

The accuracy of 2-point throws of a ball of the Ukrainian players made 44,6% in the World Cup. Thus the productivity of 3-point throws was 35, 2%, throws from the line of a free throw – 73, 7%. The team of Ukraine showed the highest productivity of near and average throws in a game against the team of Finland – 58,3%, however and in a game against the USA the productivity of 2-point throws wasn't lower than average and made 44,7%. The best accuracy of distant throws was observed in the first game, against the team of Dominican Republic – 43, 5%, and the lowest – in a game against the team of Turkey – 32,6%. The accuracy of free throws of the highest was against the team of Turkey of 85,7%, and the worst in a game against a team of the USA – 68,4%. It should be noted that the accuracy of 2-and 3-point throws of the Ukrainian basketball players was below an average value on the group, and lower efficiency was shown in 2-point throws only by players of Finland (40,9%), and in the 3-point – basketball players of Turkey (31,7%) and New Zealand (30,9%). Thus the Ukrainian players showed a high precision of free throws, above average on the group for 10,3%, conceding on this indicator only to the team of Finland.

The Ukrainian basketball players carried out 33, 2 rebounds of a ball on a board, from them 24,8 on their board and 8,4 on the rival's board on average for game. The team of the USA had the best indicator on rebounds of a ball during the championship, on average 44,8 times for a game (tab. 2).

Table 2

Indicators of the game efficiency of teams of the World Cup among men of the group C of 2014

Team	AS	Rebound of a ball			IN	BSh	LO	Fouls of players
		Total	TB	OB				
Dominican Republic	13,5	39,7	28,8	10,8	5,7	3,0	18,0	19,7
Finland	13,0	29,6	21,0	8,6	7,4	2,0	15,8	24,6
Turkey	15,4	35,6	26,1	9,4	6,7	3,4	14,4	19,0
New Zealand	13,5	39,7	24,5	15,2	4,2	1,3	16,3	20,8
the USA	20,4	44,8	29,8	15,0	12,1	5,6	13,7	19,8
Ukraine	12,4	33,2	24,8	8,4	5,8	1,4	15,6	19,4
On average	14,7	37,1	25,8	11,2	6,9	2,7	15,6	20,5

Note. RP – assist, TB – their board, OB – others board, IN – interception, BSh – blocked shot, LO – losses.

The most active in a fight for a ball jump off in the Ukrainian team were a center Maxim Korniyenko who seized a ball on average 5,8 times, and 5,0 times from them on their board, and Vyacheslav Kravtsov with the productivity 5,6 times (4,4 times on their and 1,2 on others board). Endrey Blatch, a center Philippines with the height 211 sm who seized a ball on average for a game of 13, 8 times, was the best in a fight on a board in games of the World Cup. The record result on rebounds of a ball on a board was shown by the Turkish sportsman Omer Ashikh, in a game against the team of Ukraine, "having removed" a ball 20 times.

On indicators of assists the Ukrainian basketball players in the subgroup had the worst indicator – 12,4 passes. Eugene Jeter was the most active in our team, carrying out on average 5,0 assists for a game. It should be noted that our defender on this indicator was on the 4th place among all players of the World Cup and as the most productive, with 5,8 passes for a game, was in the lead the Finnish basketball player Petteri Johannes Koponen. In the championship 14 assists of the Senegalese player Ksane Dalm became record in a game C against the team of Philippines.

The analysis of the "blocked shots" executed by teams showed that the Ukrainian basketball players had a result below average of the group, advancing only the team of New Zealand. The largest number of "blocked shots" in games of the championship was made by the American center Anthony Davies (208 sm), for 9 games he "covered" a rival's throw 19 times, with a record indicator of 5 "blocked shots" in a game against Dominican Republic. However the Korean basketball player Li Chzhong-Hyun was the leader in this indicator on average for a game – 2,6 times (the results of 5 games). Among the Ukrainian players a center Vyacheslav Kravtsov had the best result – on average 0,4 times for a game.

Studying of indicators of interceptions of a ball in the championship revealed, as in this indicator the team of Ukraine had one of the worst results in the group, having overtaken only the team of New Zealand. The

Spanish basketball player of Ricky Rubio was the leader in indicators of interceptions of a ball in the World Cup, having executed 25 interceptions for 7 games (on average 3,5 interceptions for a game), having set a record in a game against the team of Serbia where he took away a ball from the rival of 7 times. In the team of Ukraine the best result on interceptions of a ball was observed at Maxim Pustozvonov, on average 1,4 rebounds for a game. Among teams the team of the USA was in the lead in this indicator, having executed for 9 games of 109 interceptions (on average for a game 12,1 rebounds of a ball), and in a game against the team of Finland they selected a ball of 18 times.

Conclusions:

1. The men's national team of Ukraine in the World Cup of 2014 had a result below an average of the group C, except an indicator of the accuracy of free throws in game indicators of technical and tactical actions.
2. The defender Eugene Jeter was the leader of the Ukrainian team in this championship.

Prospects of further researches in this direction are connected with studying of the efficiency of game indicators of the women's national team of Ukraine and their comparison with the received results of the men's team.

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