Features of goal kicks by football players in games of high-level teams

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Purpose: to establish the peculiarities of goal kicks by highly qualified football players in the conditions of competitive activity.

Material & Methods: the registration of technical and tactical actions was carried out using the games of teams participating in the group stage of the UEFA Champions League 2019/2020 season as an example. The games of Group C teams of FC Manchester City (Manchester City, England), FC Atalanta (Bergamo, Italy), FC Shakhtar (Donetsk, Ukraine), FC Dynamo (Zagreb, Croatia) were analyzed. In total, 290 shots were recorded and analyzed in 12 games of four teams. To solve the tasks in the work, the following research methods were used: analysis of scientific and methodological literature, registration of team technical and tactical actions, methods of mathematical statistics.

Results: the paper presents data that characterize the features of kicks by players in the games of high-level teams. In total, 290 kicks were recorded and analyzed in 12 games of four teams participating in the UEFA Champions League 2019/2020 season. Kicks on goal were classified according to the result (goals, on target, past the goal, into the goal frame, blocked shots), at the place of execution (from the goal area, from the penalty area, from outside the penalty area), along the trajectory (upwards kicks, low kicks).

Conclusions: the results of the study indicate differences in the quantitative indicators of kicks on goal of teams participating in the UEFA Champions League season 2019/2020 in group “C”. It was established that highly qualified football players most often performed kicks on the right foot, which is explained by the lateral advantage. In addition, football players carried out more kicks from the bottom and from the zone between the goal area line and the penalty area line, which should be reflected in the construction of exercises aimed at improving the technique and tactics of kicks.

Keywords: kicks, goals, penalty area, goal area, shots on target, goal frame.
An analysis of the effectiveness of shots on goal shows that only 14.5% of shots ended in a goal. At the same time, Dynamo players (20.0%) had the highest performance in strikes, while the Atalanta team showed the lowest efficiency (9.2%). Despite the fact that the players of the Manchester City team scored 2.7±0.7 goals per game, the percentage of productive shots is only 17.4%.

In addition, as a result of the study, it was found that in addition to goals, 24.8% of all shots were on target, 37.2% – on target and 3.8% – on target and 20.0% of shots were blocked.

Table 1 shows the quantitative indicators of shots on goal made by football players of teams participating in the UEFA Champions League season 2019/2020 group “C” (indicators for 6 games).

Table 2 shows the quantitative indicators of shots on goal from different areas of the football field of teams participating in the UEFA Champions League season 2019/2020 group “C” (indicators for 6 games).

Table 3 shows the quantitative indicators of kicks and goals by the teams participating in the UEFA Champions League season 2019/2020 group “C”.

Table 4 shows the quantitative indicators of accurate low shot and high shot of teams participating in the UEFA Champions League season 2019/2020 group “C” (indicators for 6 games).
other teams, high shots was performed by Dynamo team players (31.6%).

We obtained similar data when analyzing effective shots on goal, which was performed by the low shots and high shots players of the teams participating in the UEFA Champions League season 2019/2020 group "C" (Table 5).

Thus, an analysis of productive shots shows that out of 42 goals 33 (78.6%) were scored low and only 9 (21.4%) high. The players of the Manchester City team scored 16 goals with 13 (81.2%) low and 3 (18.8%) high. In turn, the players of the Atalanta and Shakhtar teams with 8 goals scored 7 (97.5%) low and 1 (12.5%) high. Significantly different performance indicators of the Dynamo team, whose players scored 4 (40.0%) goals on high and 6 (60.0%) low goals.

**Conclusions / Discussion**

1. As a result of the study, it was found that the teams participating in the UEFA Champions League season 2019/2020 in the games performed a different number of shots on goal with different efficiency and effectiveness.

2. Group "C" teams averaged 12.1±1.0 shots on target per game. Most often, kicks against the opposing teams were carried out by the players of the Manchester City team (group winner) – 15.3±1.5 shots. Less often, the opponents' goal was threatened by Dynamo players (last place in the group), who, on average, performed 8.3±1.6 shots on target.

3. The results of the study indicate that the teams of this group on average 1.4±0.3 shots per game from outside the goal area, 6.7±0.7 from the penalty area and 4.0±0.4 from outside penalty area.

4. Football players of these teams on average 6.0±0.6 shots per game with the right foot, 4.2±0.5 shots with the left foot and 1.9±0.3 with the head.

5. It was found that high-level teams perform more shots from the low. So, the teams participating in the UEFA Champions League, on average, for a game 0.9±0.1 shots, performed on high and 3.8±0.5 shots on the low. The number of effective strikes on high was 0.4±0.1, below – 1.4±0.3.

**Prospects for further research**

In this direction. Further research may be devoted to the study of the features of goal kicks by young football players in the games of CYFL of Ukraine of different age groups.

**Conflict of interests.** The authors declare that no conflict of interest.

**Financing sources.** This article didn’t get the financial support from the state, public or commercial organization.

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Received: 11.01.2020.
Published: 29.02.2020.

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