

An analysis of throws/goals scored by the male handball team HCM Constanța during the "Champions League" competition 2011-2012

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Abstract

Background. We started from the supposition that because of the changes that appeared in men's handball on an international level, the growth rate, the mobility of the players in different game systems in defense and offence determined us to do a critical analysis on the evolution of the Romanian male handball team HCM Constanța, Romania's Champion team, in the Champions League Competition 2011-2012.

Aims. The paper aims to show the evolution of the players that play in the left wing, right wing and pivot positions in the HCM Constanța team. The data of this paper are based on the recorded games from the Champions League competition 2011-2012 and on the observation charts made during the competition.

Methods. To achieve this study on the evolution of the players that play in the left wing, right wing and pivot positions in the HCM Constanța team, in round trip matches with teams that compose the qualified Group C from the Champions League competition 2011-2012, we used the following research methods: the observation method made by studying the video recordings of the match, in order to establish the concept of team play, game systems used, technical and tactical means to drive in different phases of the game, the statistical data collected was used to analyze individual performance, game records using an observation chart, made to obtain data on individual developments; statistical calculations helped us to draw the necessary conclusions on the evolution of players in the left wing, right wing and pivot positions of the HCM Constanța team.

Results. The interpretation of the results led to establishing the evolution of the players in the right wing, left wing and pivot positions of the HCM Constanța male team. Players in the right wing position achieved using the fast break a percentage of 50% and 60% and the evolution of the pivot players is shown by the percentages of 80% and 56.2% obtained using the 6 m throw. Regarding the left wing players at the side throws, they had a percentage of 26.6% and 37.5%.

Conclusions. After analyzing the video games and the observation charts we can say that the performance of the players in the left wing, right wing and pivot positions of the HCM Constanța team was a low one. Regarding the technical knowledge, these players have a good technical knowledge, in offence and defense. The players use various procedures according to the game situations during the competition. Tactically speaking, both wing and pivot players are good in individual and collective defense tactics, being a part of combinations with all of their teammates.

Keywords: high performance sport, handball, efficiency.