

Abstract

Title:

Comparison of performance in test of skating with and without the puck among the Extraleague U16 competition defensemen and forwards

Objectives:

The aim of this diploma thesis is to compare basic ice hockey skills of defensemen and forwards in a skating test carried out with and without the puck. We would like to analyze the data we receive, draw conclusions about the skills of players and come up with practice recommendations for defensemen and forwards.

Methods:

The diploma thesis was written from a methodological point of view based on experiment, which resulted in a comparative analysis by using different statistical methods. The testing was done on ice hockey stadiums of HC Hvězda Praha, HC Slavia Praha and HC Letci Letňany. The tested group of ice hockey players came from HC Hvězda Praha, HC Slavia Praha and HC Letci Letňany who play in the Extraleague U16 competition.

Results:

From the results and comparison of average performances of the U16 players we can conclude that the defensemen did not dominate over the forwards in backward skating, tests carried out with the puck. The difference performances of backward skating without the puck was 0,12sec (in favor of the forwards) and in backward skating with the puck 0,69sec (in favor of the forwards). And not even when comparing deficient of speed in tests with and without the puck.

Keywords:

Ice hockey, ice skating, basic ice hockey skills, defensemen, forwards, tests on ice rink