

Abstract

The title of the thesis: Influence the performance of the center and versatile volleyball player on the results of matches in the top contest

Place: Charles University
Faculty of Physical Education and Sport
Department of Sport Games

Author: Bc. Radek Mach

Branch of Study: Physical Education and Sports honour volleyball

Thesis Supervisor: doc. PhDr. Jaroslav Buchtel, CSc.

Year of Thesis Defence: 2013

Summary: This thesis focuses on the game of middle blockers and diagonal players in top volleyball competitions. Our research followed all diagonal players and middle blockers in Czech top volleyball competition, organized by the Czech Association of volleyball in the year 2011/2012, in all of their gaming activities that were processed by the statistical program - Data Volley.

Goals: The goal is to determine whether game activities and the skills of middle blockers and diagonal players significantly affect the results of matches.

Methods: Information for the research part of this thesis, were based on the statistical data of the Czech Volleyball Association. These data are collected every year for the needs of clubs and coaches. The obtained data were statistically analyzed and results were subjects of research using Spearman's correlation. The final correlation coefficients were then subjects of discussion.

Results: The results and conclusions of the work are intended primarily for coaches of top level competitions. With the help of designed research methods, we can evaluate whether the team built before the competition met requested demands, especially in terms of specialization in certain areas of the game. This can lead to reorganization of positions, where the prove of dependence on final results is missing.

Key words: block, attack, frequency, effectiveness, player, effort, volleyball