Abstract:

Thesis title: Comparison of height and jumper parameters for young girl volleyball players in 2002 – 2009

Thesis aim: Based on the results obtained in the test tournaments in 2002 – 2009 (Kafka´s memorial) create order 15-best placed volleyball players, under-reach at strike jump with rozběhem(heat?). The results compare for each yer, according to the selected somatic assumptions (body height, the range from the floor stretched arms) and selected performance assumptions (net reach – absolute jump, reach at strike jump with heat).

Method: For my thesis examination I have looked up and processed results of standardized volleyball tests. Each year these tests are applied to the players at the regional youth centre championships. Nowadays these tests are rather applied to selections of the best regional players. Concerning girl players it refers to „the Memorial of Milan Kafka". The testing is provided by the organizer in coordination with commissioned co-workers of youth committee and youth coordinator. For processing and evaluating of the acquired data I have used the following mathematical-statistic methods: arithmetic mean, variation range and decisive anomaly.

Results: I have transformed the final tests results into transparent graphs through which you can see apparent differences between individual players as well as between individual grades. Simultaneously, we can compare every single player with the average values of the whole tested group.

Key words: tested group, body high, absolute reach, absolute jump, final tests results