

Bibliographical identification

Title of Diplom work: Degree of the relationship between the level endomorfe and neuromotor age for selected soccer players U12 category of the highest competition in the Czech Republic

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Generalization

Title: Degree of the relationship between the level endomorfe and neuromotor age for selected soccer players U12 category of the highest competition in the Czech Republic

Objectives: The aim of this thesis is to find differences in body composition parameters selected and neuromotor development at two football teams in the U12 age category. At the same time the aim of the thesis to determine possible relationships between the studied indicators of body composition and psychomotor development

Methods: To detect psychomotor development we used a battery of tests BOT-2, we used the short form of the test battery BOT-second Anthropometric data were obtained using the method to determine the somatotype Health-Carter. Values were measured using anthropometric instruments: weight, caliper, measuring tape, caliper and stadiometer.

Results: Among the teams of Slavia and Sparta were found factually or statistically significant differences in endormofní component in terms of physical somatotype, or a total score test your battery BOT-2 Evaluation level neuromotor development. The value of the correlation coefficient (0.22; $p < 0,05$) indicates only a weak correlation between endomorphic component and the total assay score BOT-2 in both groups of players. The value of the total average score BOT-2 ranks the players of both teams to the zone average neuromotor development.

Keywords: endomorfe, neuromotor development, football, BOT-2, body somatotype