

Position Specific Morphological Characteristics of Top-level Male Macedonian Handball Players

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ABSTRACT The research was realized on a sample of 133 top handball senior players with the main objective to analyze the anthropometric characteristics and somatotype components in terms of the position at which they play in the team. Within the statistical analysis the basic descriptive parameters are being calculated and a univariate analysis of variance and post-hoc analysis are applied. A general mesomorphic athletic is obtained with obvious longitudinal dimensionality of the skeleton, even compared to the bone and muscle tissue and slightly higher values of fat and endomorphic component especially for goalkeepers and the pivot. The external lateral players and the goalkeepers are characterized by dominant pronounced longitudinal dimensionality, bone composition and voluminosity. The wing players have lower longitudinal dimensionality, while the central players are characterized with pronounced voluminosity and somewhat larger amounts of fat tissue.