

Abstract

Title: The dynamic of changes of the arousal level like the component of motory docility.

Objectives: The aim of this disertation work is to detect if there has been the relationship between the dynamic of changes of the arousal and the effectiveness of sensomotory learning (motory docility). Along with the next complementary examinations we would like to formulate proposals how to diagnose the motory docility. There is derivate from the subject's ability to control its psychophysiology processes during the executing of unknown coordination task.

Methods: The arousal of subject was objectificate throuth test of bimanual coordination, test of "mirror drawing" and expert testimony of motory docility.

Results: It was detect, that the changes of arousal influence the running and quality of the sensomotory learning. Obtained data are corresponding with the expert testimony of motory docility.

Keywords: electrodermal activity, coordination ability, sensomotory learning