INTERHEMISPHERIC TRANSFER OF TRAINING IN RIGHT-HANDED SUBJECTS

Abstract
The aim of this study was to examine the role of hemispheric (non)dominance on transfer of training in right-handed participants. The study was conducted on a sample of 20 right-handed female students from University of Mostar. Hand dominance was determined using the Annett Hand Preference Questionnaire. The participant's task was to execute skilled arm movements of different amplitudes with their right and then left hand, or with the left and then right hand. The tasks were carried out without visual control. Analysis of results showed that right-handed participants achieve shorter movement time of left hand movements, performed after the training of right hand movements, in comparison to the movement time when the left hand was the first in sequence. The result of this study confirm interhemispheric transfer of training in right handed only in one direction- from right to the left hand.

Keywords: interhemispheric communication, cerebral lateralization, hand dominance