The effect of attention focus different instructions on postural control of ADHD children

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Abstract

The purpose of the current study was to examine the effect of attention focus different instructions on postural control of ADHD children. In semi-experimental study, 15 male children with ADHD among ADHD children of Ahwaz city as non random sampling and aiming and availability type selected. Participants were located on force plate form during four phases. They were ordered to their balance at the beginning under baseline condition (no instruction), the second phase under internal attention (focus on the body), the third phase under near external attention (focus on feet near signs) and fourth phase under far external attention (focus on feet far signs) respectively keep. The conditions done counterbalanced for eliminate the effect of attention instructions condition contract. The results of paired t test indicated that near and far external attention affect on postural control (anterior-posterior displacement, lateral-midlateral displacement, displacement velocity of center of pressure) of ADHD children. Another results indicated that there were significant difference between external focus attention instruction (far & near) with baseline and internal attention condition. But, there were no significant difference between far and near external attention.