

**ACCEPTABILITY OF HAND - EYE - EAR COORDINATION TRAINING PAD IN  
TABLE TENNIS ATHLETES**

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**ABSTRACT**

Hand-eye coordination is commonly heard of and understood as a concept in sports training and even sports skills, to further elaborate, the way that one's hands and sight work together to be able to do things that require speed and accuracy (Merriam-Webster Dictionary, 2022). On the other hand, hand-ear coordination is defined as the spatial and temporal organization of hand movements as they point toward unseen auditory targets located in a horizontal plane in front of them. (Boyer et al., 2013). The researchers aim to provide a positive outcome with the athletes' accuracy with their coordination as they keep on training with the device. The device aims to be an acceptable sensorimotor training tool for Physical Therapists and would be more widely used as the device improves and becomes more acceptable. If given the chance it will seek to be seen as a staple in sports training as it will help athletes perform better in their respective sports. The methodology used in the study is quantitative research design, specifically survey design. And used primary and secondary data to gather resources in order to complete the study. According to Bhandari (2020), the process of gathering and interpreting numerical data is referred to as quantitative research. It can be used to identify patterns and averages, formulate hypotheses, examine relationships, and generalize findings to larger populations. With this design, the researchers conducted their studies and gathered data using surveys that provide open-ended questions that were answered using the Likert scale. Results of the study stated that the device is overall highly acceptable based on the mean of 4.24 that it attained and according to the verbal interpretation by Salac, D. (2020). This is based on the factors of design, features, ease of use, safety and functionality. Based on the results of the study, the researchers have concluded that the device is well-received by Physical therapists and that there is a lot of potential for other possibilities of implementing this device, limited not only to sports training but also in a rehabilitation setting for various conditions.

**Keywords:** Coordination, Training, Physical Therapy, Training device, Sports