

## **The Effect of Hemsball Shooting Techniques on Fine Motor Skill Level of Children with Hearing Disabilities**

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**Abstract :** This study aims to explore the effects of hemsball shooting techniques on the fine motor skill level of children with hearing disabilities. A total number of 26 children with hearing disabilities, ages ranging between 7 and 11 and which were equally divided into experimental group and control group participated in the study. In this context, an exercise training program dedicated to hemsball shooting techniques was introduced to the experimental group 3 days a week in one hour sessions for a period of 10 weeks. BOT-2 fine motor skills test which includes three dimensions (fine motor accuracy, fine motor task completion, and dexterity) was selected as the data collection method. Descriptive statistics along with two-factor ANOVA which was focused on repetitive measurements of the differences between pretest and posttest scores of both groups were used in the analysis of the data collected. The results of this study showed that hemsball shooting techniques have a statistically significant effect on the fine motor skill level.

**Keywords :** hemsball shooting techniques, BOT-2 test, fine motor skills, hearing disabilities

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