

PAIRAT YIMSANIT : A COMPARISON OF PHYSICAL FITNESS OF HEARING IMPAIRED STUDENTS AND VISUAL IMPAIRED STUDENTS, BANGKOK METROPOLIS. THESIS
ADVISOR : ASST.PROF. SUNET NAVAGIJGUL, Ed.D. 122 PP. ISBN 974-581-761-9

The purposes of this research were to study physical fitness of hearing impaired students and visual impaired students: and to compare the physical fitness of hearing impaired student and visual impaired students: and also to study interaction of physical fitness between sex and impaired students. The samples were 50 students who study in Setsatean hearing impaired school and 50 student who study in Bangkok visual impaired school, Bangkok Metropolis. The physical fitness was measured by test 6 items: standing Broad Jump, Hand Grip, Sit-up 30 seconds, Pull-up (for male), Flexed-arm Hang (for female) Harvard Step test, Sum Skinfolds. The data were then analyzed by utilizing mean, Standard deviation, T-score and Two-way Analysis of Variance, Sheffe's multiple comparison method was also employed to determine the significant difference.

It was found that:

1. The mean of physical fitness 4 items: Standing Broad Jump, Sit-up 30 seconds, Harvard Step Test, sum skinfolds and total physical fitness between sex and impaired students had not interacted at the .05 level.
2. It was found that the mean of physical fitness (4 items): Standing Broad Jump, Sit-up 30 seconds, Harvard Step Test, Sum Skinfolds between hearing impaired students and Visual impaired students have significant at the .05 level, as this significant had not influence of sex to concerning.
3. The mean of physical fitness 3 items: Sit-up 30 seconds, Harvard Step test, Sum Skinfolds between male students and female students who was impaired body have significant at the .05 level, as this significant had not influence of impaired-body.
4. The mean of physical fitness: Hand Grip between sex and impaired students had interacted at the .05 level, resulted of multiple comparison: The mean of Hand-Grip physical fitness of Visual impaired male students and hearing impaired meal students, visual impaired male students and visual impaired female students have significant at the .05 level; excepted hearing impaired male students and hearing impaired female students, visual impaired female students and hearing impaired female students have not significant at the .05 level.