

Compression study of two point discrimination (2PD) test between normal and blind people's hand in decade 10-20

abstract

Two point discrimination (2PD) test is a sensory functional test that is both available and valid. This test is used in hand injuries and neurological examination, whose perception takes place in the sensory cortical region. In this study 2PD test was evaluated in 240 normal and blind boys and girls in the range of 10-20 years in Tehran. (cross-sectional descriptive analysis). This Test was evaluatd on right and left hands by on instrument results.

-The 2PD value of the normal subjects were greater than that of the blind subjects (specially At age 10-th)

-The boys 2PD value were greater than girls.

-At age 20 years, the value of 2PD was greater than that of 10-th years.

-The 2PD value in dominant hands was greater than that of the undominant hands.

The hierarchy of the accuracy of the results in the different regions of the hand is as follows. Thumb / Index / Little / Ring / Middle

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