The study and comparison of the mean of oral stereognosis in cleft palate and normal

abstract

Background: As soon as the oral stereognosis has important role in speech development, in this research our purpose is study and comparison of oral stereognosis average in cleft palate and normal 5-9 year old children.

Methods: This research was done in a cross-sectional and analytic method. The subject include 66 normal and 30 cleft palate children 5-9 year. The variables include age, sex, cleft palate, different kinds of clefts and numbers of palate surgeries.

Findings: 1-In two group of children, the ability of oral stereognosis is difference.
2-There is a direct relationship between age and oral stereognosis.
3-There is no relationship between sex and oral stereognosis.
4-There is opposite relation between the number of palate surgeries and oral stereognosis.

Discussion: Strengthen of oral stereognosis can affect speech disorders in cleft palate children.

Key words: Oral stereognosis / Cleft palate children / Normal children