

**ABSTRACT**

Prevalence of crossbite in children between 6-12 yeares old in Ardabil and its association with oral habits

**INTRODUCTION:**

Crossbite is a dental malocclusion in wich the natural position of the upper and lower teeth is not in order.The notice of the relationship between the harmful oral habits in childhood and the creation of crossbite is important in prevention of crossbite.

The purpose of this study is to estimate the prevalence of Crossbite in children between 6-12 years old and its relationship with oral habits.

**METHOD:**

250 boys and girls between 6-12 years old from Ardabil have been entered to this study.The method of sampling is cluster random sampling .The study was carried out in two parts of clinical and questionnaire.The clinical part consist of examination and register of oral and facial factors.The questionnaire part is done using the collaboration of childrens parents of gathering the information a bout oral habits of children.for statistik analysis SPSS16 software and Chi\_squared test have been used.The p-value amounts lower than 0.05 were statistic valuable.

**RESULT:**

250 children consist of 121 boy students and 129 girl students were examined.Also 250 questionnaire ,wich were by their parents completed have been collected and evaluated.in this study the prevalence of crossbite was 12.8% and a significant relationship between sex and crossbite was shown.Also there was a significant relationship between crossbite and the long –term pacifier sucking.

**DISCUSSION:**

In this study the prevalence of crossbite and its relationship with,sex as its relationship with childs oral habits were investigated.There was a significant relationship between crassbites prevalence and sex and the long-term oral habit of pacifier sucking.on the other hand there was no significant relationship between crossbites prevalence and the habits like thumb sucking and thongue thrust.

**KEYWORDS:**Crossbite ,Oral Habit ,prevalence ,Malocclusion.