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Molar incisor hypomineralization in a group of children living in Ankara, Turkey

Ozlem Martı Akgun[1], **Ceren Yıldırım**[1], **Aybarshan Yılmaz**[1] and **Turker Turker**[2]
[1]Gulhane Medical Academy, Turkey
[2]Gulhane Medical Academy, Turkey

Molar incisor hypomineralization (MIH) is a common developmental condition resulting in enamel defects in first permanent molars and permanent incisors. It presents at eruption of these teeth. The aim of this study is to determine the possible causes which led to MIH in a group of school children living in Ankara, Turkey. For this purpose the study group consisted of 30 children who affected from MIH. The datas were recorded using the modified DDE index. These children were matched by age with other children with apparently normal first molars (control group). Children and their parents were invited for a survey about their medical history. The datas were evaluated using SPSS 15.0 software. The significance level was set at 0.05. A statistically significant difference was determined between the groups in response to the question related to the disease while pregnant ($P<0.05$). Also the ratio of suffering from tonsillitis were higher in the study group than the control group ($P<0.05$). The number of the children affected by MIH is low in this study but the results of this study will provide guidance to clinicians and parents with other previous epidemiological reports.

Biography

Özlem Martı Akgün is currently appointed as a Specialist doctor, Pediatric Dentistry Department, Central of Dental Sciences, Gulhane Medical Academy, Ankara, Turkey. She obtained her medical degree at Ege University, in 2001. She underwent her residency training in Pediatric Dentistry in 2007 to 2011 at Gulhane Medical Academy, Ankara, Turkey. She is now a DDS, Ph.D. in there. She serves as a clinician in pediatric dentistry, and a clinical educator for PH.D students, and fellows.

ozlemmartiakgun@gmail.com

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