

The study deals with the problematics of dental caries prevention in the children with cleft lip and palate. It is structured in three parts. In the theoretical one deals with a speciality of the stomatologic care of the patients with cleft and of the prevention of such diseases. In the following chapters it is spoken about the various possibilities of the caries prevention in the childhood. It informs us about the necessity of the preventive programs for the pre-school children, especially in the area of oral hygiene and healthy lifestyle. It also deals with the speciality of the dental caries in the 12years old children, who have the mixed denture, but the permanent teeth are usually already affected by the caries or treated by the filling. Therefore the World Health Organisation proposed the specific parameters for oral health of the 12years old in the Czech Republic. These should be complied till 2010. There were 38 children with 8 cleft lip and palate examined, who were born in 1994 or 1995. The research took place at the Clinic of the Plastic Surgery - University Hospital Kralovske Vinohrady, in the dentistry practice of Dr. Olga Jiroutova, who is a specialist in the orthodontic care of the cleft patients.

I have examined the oral health of these children using special hygienic indexes-DMF index (teeth decayed-D, missing-M, filled-F), PBIPapilla Bleeding Index and PI-Plaque index.

The empirical part sums up the final results of the indexes. It is based on the hypothesis formulation that should lead to a thinking about the oral health of children with cleft pathologies. The results and deserved WHO parameters of oral hygiene are evaluated in the final analysis of the study. In the conclusion, it is spoken about the differences between the oral hygiene of boys and girls and possibility of the achievement of WHO parameters.