







## ОГЛЯДИ ЛІТЕРАТУРИ

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were affected as well. The MIH cases were systematized and in 2003 on the EAPD seminar (European Academy of Paediatric Dentistry) the criteria of the MIH diagnosis were declared.

The morbidity of the disease in the world ranges from 2,4 to 25 % and varies in children born in different time periods in different countries.

The MIH issue hasn't almost been studied in Ukraine but the clinical experience of the pediatric therapeutical stomatology and stomatological diseases' prevention department of the NMU confirms the presence of this pathology in Ukrainian children. The study of 723 children classified as "those who suffered after the Chernobyl Atomic Electrical Station disaster consequences" in the pediatric radiation endocrinology department of the Scientific centre of the radiation medicine of the NAMS of Ukraine as well as 196 students of the "Universum" lyceum, Kyiv, has shown that the morbidity of the molar-incisor hypomineralization makes up appropriately 4,6 and 4 %.

The disease etiology hasn't been established yet. Some authors assume that the MIH may develop caused by the unfavorable environmental factors which have affected the child for a short period; the other authors relate it to the oxygen deficiency or calcium-phosphate metabolism disorder, there have been suggested ideas about the importance of the systemic diseases and administration of some antibiotics in this pathological condition etiology.

Clinically the molar-incisor hypomineralization is characterized with the presence of the affected enamel areas of different color shades, from white to yellowish-brown color in the first permanent molars or in the first permanent molars and incisors. The defects are present in the teeth since their eruption which makes it possible to refer this pathology to the inborn defects. An asymmetry of the defect is characteristic for this. There is always a borderline between the affected and healthy enamel.

The MIH treatment includes a lot of approaches, methods and aims, due to its various manifestations and the levels of the dental affliction.

The above mentioned pathology requires for the further study and workout of the preventive-curative measures.

**Key words:** children, inborn deformities of solid tissues of teeth, molar- incisor enamel hypomineralization.

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