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**ORAL MANIFESTATIONS AFTER MEDICAL TREATMENT OF ASTHMA IN CHILDREN**

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Introduction. Bronchial asthma is a chronic relapsing disease mainly affecting the respiratory tract. It is characterized by altered reactivity of the bronchi caused by immunological and / or non-immunological mechanisms. About 7-11% of the child population suffer from asthma. Some medicines which are used to prevent and to stop an asthma attack result in complications in oral cavity.

The aim of the research is to study the drugs for bronchial asthma treatment and find out the side effects of drugs usage.

Materials and Methods. Drugs that are used to prevent an asthma attack are called controllers, the drugs to stop an attack are called relievers. Controllers are medications taken daily constantly during the whole life to remove symptoms of bronchial spasms. They include long acting beta agonists, antihistamines, and leukotriene modifies. Their action clears the airways rapidly, getting more air come in and out of the lungs. As a result, breathing improves. Relievers are rescue medications used in case of emergency, and they act quickly to stop an attack. They comprise short acting beta-agonists, systemic corticosteroids and anticholinergic drugs. They relieve the symptoms of asthma by relaxing the muscles of bronchi. Some of the drugs lead to the complications which are manifested in the oral cavity.

Results. We have studied 25 cases of side effects of bronchial asthma treatment in the child oral cavity. B2-agonists-long acting cause xerostomia, tooth pain, sores or white patches in the mouth, decrease of the saliva flow rate, demineralization of the teeth. They increase the risk of gingivitis. Antihistamines cause xerostomia. B2-agonists-short acting cause oral candidiasis, xerostomia, decrease of the saliva flow rate. Corticosteroids cause oral candidiasis and dental caries.

Conclusions. On the basis of literature studies and our research we have come to the conclusion that these complications are always manifested in the oral cavity, that’s why it's very important to refer the patients to the dentists for consultations.