

ABSTRACT

Topic: Therapy of asthma bronchiale

Author: Martina Čudová

Bronchial asthma is a lifetime chronic inflammatory disease of the airways. Chronic inflammation is linked to bronchial hyperreactivity and both lead to reversible and variable obstruction of airways. The prevalence of this disease has been increasing in recent years, mainly in children and teenagers, where asthma becomes the most frequent disorder. Asthma isn't curable, but thanks to opportune diagnosis and correctly configured treatment, the patient can be absolutely without difficulties. Conversely, untreated asthma leads to irreversible functional environments, which deteriorate the patient's performance and his quality of life. An important part of the treatment is preventive proceeding, its goal is the avoidance of the patient's contact with triggers. Pharmacotherapy is divided into treatment of exacerbation, when alleviation drugs are used, primarily inhalational rapid acting β_2 -agonists and long-term anti-inflammatory therapy, there are drugs of choice inhalational kortikosteroids. The latest substances include the antileukotriens and monoclonal antibody against IgE (omalizumab).