

## BRONCHIAL OBSTRUCTION SYNDROME AND OPTIONS FOR ITS EFFECTIVE CORRECTION

**S. V. Zaikov, A. P. Grishylo, P. V. Grishylo**

*Abstract*

Bronchial obstruction syndrome often complicates various respiratory diseases and requires differentiated measures to establish its causes and conduct correction.

This article reports the mechanisms of reversible and irreversible airflow obstruction development, clinical manifestations of bronchial obstruction syndrome, distinctive features of infectious and allergic bronchial obstruction. The characteristics of major groups of drugs ( $\beta_2$ -agonists, anticholinergics, methylxanthines, glucocorticosteroids), directly or indirectly relieving major clinical manifestations of bronchial obstruction syndrome are reviewed. Distinctive features of bronchial obstruction in most common respiratory diseases are presented. The main therapeutic options for patients, suffering from bronchial obstruction syndrome in various diseases are presented.

**Key words:** bronchial obstruction syndrome,  $\beta_2$ -agonists, anticholinergics, methylxanthines, glucocorticosteroids, formoterol, fluticasone propionate

**Ukr. Pulmonol. J. 2014; 4:25–30.**

*Sergii V. Zaikov*

*National medical academy for advanced  
training named after P. L. Shupik*

*Department of phthysiology and pulmonology*

*Doctor of medicine, professor*

*10, M. Amosova str., 03680, Kiev, Ukraine*

*Tel.: 380503317773, zaikov1960@gmail.com*

---