

# THE ROLE OF SPIROMETRY IN THE DIAGNOSTICS OF BRONCHIAL ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE

*M. A. Polianska*

**Abstract.** Broncho-obstructive diseases (bronchial asthma (BA), chronic obstructive pulmonary disease (COPD)), despite certain success in their diagnostic and treatment still one of the leading problems of modern medicine. Therefore, the determination of the presence of bronchial obstruction, its degree of severity, reversibility, along with clinical symptoms are the main diagnostic tool for bronchoobstructive diseases. And as for COPD — the diagnosis can not be verified without signs of prolonged sustained restriction of the airways. Spirometry remains the simplest and most accessible, highly informative of the currently available methods for studying the functional state of the respiratory tract. The practical value of this method is not only that it objectifies the presence of bronchial obstruction in the BOD, but is also an objective tool for assessing the effectiveness of treatment of COPD and asthma, and prognosis of the disease. The article

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DOI: 10.31655/2307-3373-2019-2-56-62

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ASTHMA AND ALLERGY • 2 • 2019

ISSN 2307-3373

presents the place and diagnostic value of spirometry in bronchial asthma and COPD.

**Key words:** functional methods of diagnostic, spirometry, bronchoobstructive diseases.

*M. A. Polianska*

*SO "National Institute of Phthysiology and Pulmonology named after F.G. Yanovsky NAMS of Ukraine "*

*Senior Researcher, Department of Diagnostics, Therapy and Clinical Pharmacology of Lung Diseases,*

*Candidate of Medical Science,*

*03038, Kyiv, st. Amosova 10, e-mail: polianska@ifp.kiev.ua*

**Asthma and allergy, 2019, 2, P. 56–62.**