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Spirography with bronchodilator test

Spirography is a study of respiratory function that assesses lung volume, lung elasticity and patency of airways during forced breathing. During the study, inhalation and exhalation with maximum depth and speed are evaluated. The test is mainly used in the diagnosis and treatment monitoring of asthma and chronic obstructive pulmonary disease (COPD).

Bronchodilator test, or bronchial relaxant test. If the initial spirography indicates an obstruction of the airways, the patient is given a medication for inhalation that relaxes the smooth muscles of the bronchi, and a new spirography is recorded approximately 10-15 minutes after that.

The spirography study is performed under the supervision of a nurse, and the results depend on the correct performance and good cooperation between the patient and the nurse.